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August 11, 2011

**Via Hand Delivery**

Heidi Hoffman, Esq.  
United States Department of Justice  
Environment & Natural Resources Div.  
Denver Place Bldg.  
999 18th Street, Suite 370  
Denver, CO 80202

Andrea Madigan, Esq.  
United States Environmental Protection Agency  
Office of Enforcement, Compliance & Environmental Justice  
1595 Wynkoop St.  
Denver, CO 80202-1129

Re: *Response to Request for Information Pursuant to CERCLA Section 104(e), Gilt  
Edge Mine Site; Lawrence County, South Dakota*

Dear Heidi and Andrea:

In our recent discussions, the United States Environmental Protection Agency ("EPA") asked for additional information related to EPA's April 8, 2011 Requests for Information for the Gilt Edge Mine Site (the "Site") in Lawrence County, South Dakota (the "Requests"). As you know, responses to those Requests were provided on May 26, 2011. Hecla Limited has since undertaken to explain more clearly the transaction by which CoCa Mines, Inc., conveyed the Grouse Creek property in Idaho to what is now Hecla Limited. This letter, and the materials enclosed herewith, constitute a supplement to the May 26, 2011 Responses to EPA's Request, subject to and without waiving any of the objections set forth in those Responses.

Hecla Limited has located the enclosed quitclaim deed, which was executed by CoCa Mines, Inc. ("CoCa"), on December 27, 1993. This deed reflects the inter-company transfer of the Grouse-related patented and unpatented mining claims and millsite claims from CoCa to Hecla.

The purchase price for CoCa's stock was driven by the value of the Grouse Creek property (approximately \$17.6 million). *See, e.g.,* Bates No. 000727. Because Hecla and not CM Acquisition Company ("CM") funded the purchase price, CoCa, as successor to CM,

Heidi Hoffman, Esq.  
Andrea Madigan, Esq.  
August 11, 2011  
Page 2

transferred the Grouse Creek property to Hecla as a return of capital. In non-accounting terms, Hecla exchanged with its subsidiary the mine for the purchase price. Such inter-company ordering of assets is typical and accepted. Incidentally, the property proved a substantial liability, and after four years of significant investment, Hecla "wrote off" the Grouse Creek project at a \$97 million loss. *See, e.g.,* Bates Nos. 000744-45.


Hecla has also located the enclosed Release of Mortgage dated October 25, 1991, which released the mortgage of the Grouse Creek property granted to Hecla as security for a short term loan to CoCa in 1991, in accordance with the terms of the 1991 Acquisition Agreement. A few additional, recently located documents are also enclosed.

In addition to requesting more information regarding the transfer of the Grouse Creek property, EPA asked Hecla to provide a privilege log which lists the documents designated "Privileged and Confidential" in its May 26, 2011 production, and states the basis for this claim. The requested privilege log is enclosed as Attachment A.

EPA also requested more context regarding certain redacted documents produced on May 26, 2011. Those documents consist of Hecla Board of Directors Meeting Minutes which were redacted to remove information not relevant or responsive to the Request. As we have discussed, the redacted portions of those documents have no connection to Gilt Edge or CoCa's ability to pay for or perform cleanup of the Gilt Edge site. *See* 42 U.S.C. § 9604(e)(2). Hecla has reviewed this information and is providing additional pages from its minute books which will provide the context that EPA has asked for.

Please contact me directly should you have any questions regarding the additional information Hecla has provided.

Sincerely Yours,

  
Joseph G. Middleton *by JGM*

JGM/gg

cc: Michael Clary, Esq. (via U.S. mail)  
Sharon Abdenschan, EPA Region 8 (via U.S. mail)  
Abdenschan

# Attachment A

**Hecla Mining Company Privilege Log  
Documents Produced May 26, 2011**

<b>Beginning No.</b>	<b>End No.</b>	<b>Date</b>	<b>Author</b>	<b>Recipient</b>	<b>Description</b>	<b>Privilege Claim</b>
000483	000485	06/26/1991	Wachtell, Lipton, Rosen & Katz	Hecla Mining Company	Blue Sky Survey	Attorney-Client, Work Product.
000573	000578	06/26/1991	Cohen Brame & Smith PC	Hecla Mining Company	Opinion letter	Attorney-Client, Work Product
000579	000580	06/26/1991	Michael B. White, General Counsel	CoCa Mines, Inc.	Opinion letter	Attorney-Client, Work Product
000581	000584	06/26/1991	Cohen Bram & Smith PC	CoCa Mines, Inc.	Opinion letter	Attorney-Client, Work Product.



Recording requested by and return to:  
HECLA MINING COMPANY  
Land Department  
6500 Mineral Drive  
Coeur d'Alene, Idaho 83814-8788

# 0205738

Custer County Reg. of

Hecla Mining Co

Time 11:35 A.M.

1-26-94  
Ethel M. Peck, Clerk

Jauna Tyler  
66<sup>00</sup> Deputy

**QUITCLAIM DEED**

COCA MINES, INC. (hereinafter referred to as "Transferor"), whose address is 6500 Mineral Drive, Coeur d'Alene, Idaho 83814-8788, in consideration of the sum of ten dollars (\$10.00) and other valuable consideration paid to Transferor by HECLA MINING COMPANY (hereinafter referred to as "Transferee"), whose address is 6500 Mineral Drive, Coeur d'Alene, Idaho 83814-8788, the receipt of which is hereby acknowledged by Transferor, hereby remises, releases and forever quitclaims to Transferee all of the interest of Transferor, if any, in and to the patented and unpatented mining claims listed in Exhibit A attached hereto and made a part hereof by this reference.

TO HAVE AND TO HOLD, all and singular the described property, together with the tenements, hereditaments and appurtenances belonging to such property, or in anywise appertaining, and the rents, issues and profits of such property to Transferee and Transferee's heirs and assigns forever.

IN WITNESS WHEREOF, Transferor has caused this Quitclaim Deed to be executed this 27<sup>th</sup> day of December, 1993.

TRANSFEROR  
COCA MINES INC.

Attest

[Signature]

By

[Signature]

Title

Assistant Secretary

Title

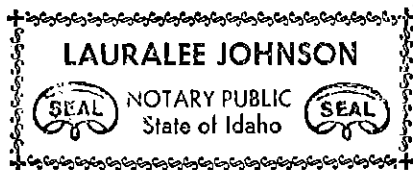
President

ACKNOWLEDGEMENT

STATE OF IDAHO     )  
                              ) ss.  
County of Kootenai)

On this 27<sup>th</sup> day of December, 1993, before me, the undersigned, a Notary Public in and for the State of Idaho, personally appeared Nathaniel K. Adams and Ralph R. Noyes known or identified to me to be the Assistant Secretary and President, respectively, of COCA MINES, INC. the corporation that executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year in this certificate first above written.



Lauralee Johnson  
Notary Public  
Residing at: Post Falls  
My Commission Expires: MARCH 17, 1999

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED LODE CLAIMS (474 CLAIMS)**

<u>CLAIM NAME</u>	<u>COURTHOUSE FILE RECEPTION #</u>	<u>BLM IMC #</u>	<u>DATE LOCATED AND AMENDED</u>	<u>DATE RECORDED WITH COUNTY</u>	<u>DATE RECORDED WITH BLM</u>
SG-1	189277	134891	05-16-88	07-06-88	08-10-88
SG-2	189278	134892	05-16-88	07-06-88	08-10-88
SG-3	189279	134893	05-16-88	07-06-88	08-10-88
SG-4	189280	134894	05-16-88	07-06-88	08-10-88
SG-5	189281	134895	05-16-88	07-06-88	08-10-88
SG-6	189282	134896	05-16-88	07-06-88	08-10-88
SG-7	189283	134897	05-16-88	07-06-88	08-10-88
SG-8	189284	134898	05-16-88	07-06-88	08-10-88
SG-9	189285	134899	05-16-88	07-06-88	08-10-88
SG-10	189286	134900	05-16-88	07-06-88	08-10-88
SG-11	189287	134901	05-16-88	07-06-88	08-10-88
SG-12	189288	134902	05-16-88	07-06-88	08-10-88
SG-13	189289	134903	05-16-88	07-06-88	08-10-88
SG-14	189290	134904	05-16-88	07-06-88	08-10-88
SG-15	189291	134905	05-16-88	07-06-88	08-10-88
SG-16	189292	134906	05-16-88	07-06-88	08-10-88
SG-17	189293	134907	05-16-88	07-06-88	08-10-88
SG-18	189294	134908	05-16-88	07-06-88	08-10-88
SG-19	189295	134909	05-16-88	07-06-88	08-10-88
SG-20	189296	134910	05-16-88	07-06-88	08-10-88
SG-21	189297	134911	05-16-88	07-06-88	08-10-88
SG-22	189298	134912	05-16-88	07-06-88	08-10-88
SG-23	189299	134913	05-16-88	07-06-88	08-10-88
SG-24	189300	134914	05-16-88	07-06-88	08-10-88
SG-25	189301	134915	05-16-88	07-06-88	08-10-88
SG-26	189302	134916	05-16-88	07-06-88	08-10-88
SG-27	189303	134917	05-16-88	07-06-88	08-10-88
SG-28	189304	134918	05-16-88	07-06-88	08-10-88
SG-29	189305	134919	05-16-88	07-06-88	08-10-88
SG-30	189306	134920	05-16-88	07-06-88	08-10-88
SG-31	189307	134921	05-16-88	07-06-88	08-10-88
SG-32	189308	134922	05-16-88	07-06-88	08-10-88
SG-33	189309	134923	05-16-88	07-06-88	08-10-88
SG-34	189310	134924	05-16-88	07-06-88	08-10-88

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
SG-35	189311	134925	05-16-88	07-06-88	08-10-88
SG-36	189312	134926	05-16-88	07-06-88	08-10-88
SG-37	189313	134927	05-16-88	07-06-88	08-10-88
SG-38	189314	134928	05-16-88	07-06-88	08-10-88
SG-39	189315	134929	05-16-88	07-06-88	08-10-88
SG-40	189316	134930	05-16-88	07-06-88	08-10-88
SG-41	189317	134931	05-16-88	07-06-88	08-10-88
SG-42	189318	134932	05-16-88	07-06-88	08-10-88
SG-43	189319	134933	05-16-88	07-06-88	08-10-88
SG-44	189320	134934	05-16-88	07-06-88	08-10-88
SG-45	189321	134935	05-16-88	07-06-88	08-10-88
SG-46	189322	134936	05-16-88	07-06-88	08-10-88
SG-47	189323	134937	05-16-88	07-06-88	08-10-88
SG-48	189324	134938	05-16-88	07-06-88	08-10-88
SG-49	189325	134939	05-16-88	07-06-88	08-10-88
SG-50	189326	134940	05-16-88	07-06-88	08-10-88
SG-51	189327	134941	05-16-88	07-06-88	08-10-88
SG-52	189328	134942	05-16-88	07-06-88	08-10-88
SG-53	189329	134943	05-16-88	07-06-88	08-10-88
SG-54	189330	134944	05-16-88	07-06-88	08-10-88
SG-55	189331	134945	05-16-88	07-06-88	08-10-88
SG-56	189332	134946	05-16-88	07-06-88	08-10-88
SG-57	189333	134947	06-13-88	07-06-88	08-10-88
SG-58	189334	134948	06-13-88	07-06-88	08-10-88
SG-59	189335	134949	06-13-88	07-06-88	08-10-88
SG-60	189336	134950	06-13-88	07-06-88	08-10-88
SG-61	189337	134951	06-13-88	07-06-88	08-10-88
SG-62	189338	134952	06-13-88	07-06-88	08-10-88
SG-63	189339	134953	06-13-88	07-06-88	08-10-88
SG-64	189340	134954	06-13-88	07-06-88	08-10-88
SG-65	189341	134955	06-13-88	07-06-88	08-10-88
SG-66	189342	134956	06-13-88	07-06-88	08-10-88
SG-67	189343	134957	06-13-88	07-06-88	08-10-88
SG-68	189344	134958	06-13-88	07-06-88	08-10-88
SG-69	189345	134959	06-13-88	07-06-88	08-10-88

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
SG-70	189346	134960	06-13-88	07-06-88	08-10-88
SG-71	189347	134961	06-13-88	07-06-88	08-10-88
SG-72	189348	134962	06-13-88	07-06-88	08-10-88
SG-73	189349	134963	06-13-88	07-06-88	08-10-88
SG-74	189350	134964	06-13-88	07-06-88	08-10-88
SG-75	189351	134965	06-13-88	07-06-88	08-10-88
SG-76	189352	134966	06-13-88	07-06-88	08-10-88
SG-77	189353	134967	06-13-88	07-06-88	08-10-88
SG-78	189354	134968	06-13-88	07-06-88	08-10-88
SG-79	189355	134969	06-13-88	07-06-88	08-10-88
SG-80	189356	134970	06-13-88	07-06-88	08-10-88
SG-81	189357	134971	06-13-88	07-06-88	08-10-88
SG-82	189358	134972	06-13-88	07-06-88	08-10-88
SG-83	189359	134973	06-13-88	07-06-88	08-10-88
SG-84	189360	134974	06-13-88	07-06-88	08-10-88
SG-85	189361	134975	06-13-88	07-06-88	08-10-88
SG-86	189362	134976	06-13-88	07-06-88	08-10-88
SG-87	189363	134977	06-13-88	07-06-88	08-10-88
SG-88	189364	134978	06-13-88	07-06-88	08-10-88
SG-89	189365	134979	06-13-88	07-06-88	08-10-88
SG-90	189366	134980	06-13-88	07-06-88	08-10-88
SG-91	189367	134981	06-13-88	07-06-88	08-10-88
SG-92	189368	134982	06-13-88	07-06-88	08-10-88
SG-93	189369	134983	06-13-88	07-06-88	08-10-88
SG-94	189370	134984	06-13-88	07-06-88	08-10-88
SG-95	189371	134985	06-13-88	07-06-88	08-10-88
SG-96	189372	134986	05-16-88	07-06-88	08-10-88
SG-97	189373	134987	05-16-88	07-06-88	08-10-88
SG-98	189374	134988	06-13-88	07-06-88	08-10-88
SG-99	189375	134989	06-13-88	07-06-88	08-10-88
SG-100	189376	134990	06-13-88	07-06-88	08-10-88
SG-101	189377	134991	06-13-88	07-06-88	08-10-88
SG-102	189378	134992	06-13-88	07-06-88	08-10-88
SG-103	189379	134993	06-13-88	07-06-88	08-10-88
SG-104	189380	134994	06-13-88	07-06-88	08-10-88

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

<u>CLAIM NAME</u>	<u>COURTHOUSE FILE RECEPTION #</u>	<u>BLM IMC #</u>	<u>DATE LOCATED AND AMENDED</u>	<u>DATE RECORDED WITH COUNTY</u>	<u>DATE RECORDED WITH BLM</u>
SG-105	189381	134995	06-13-88	07-06-88	08-10-88
SG-106	189382	134996	06-13-88	07-06-88	08-10-88
SG-107	189383	134997	06-13-88	07-06-88	08-10-88
SG-108	189384	134998	06-13-88	07-06-88	08-10-88
SG-109	189385	134999	06-13-88	07-06-88	08-10-88
SG-110	189386	135000	06-13-88	07-06-88	08-10-88
SG-111	189387	135001	06-13-88	07-06-88	08-10-88
SG-112	189388	135002	06-13-88	07-06-88	08-10-88
SG-113	189389	135003	06-13-88	07-06-88	08-10-88
SG-114	189390	135004	06-13-88	07-06-88	08-10-88
SG-115	189391	135005	06-13-88	07-06-88	08-10-88
SG-116	189392	135006	06-13-88	07-06-88	08-10-88
SG-117	189393	135007	06-13-88	07-06-88	08-10-88
SG-118	189394	135008	06-13-88	07-06-88	08-10-88
SG-119	189395	135009	06-13-88	07-06-88	08-10-88
SG-120	189396	135010	06-13-88	07-06-88	08-10-88
SG-121	189397	135011	06-13-88	07-06-88	08-10-88
SG-122	189398	135012	06-13-88	07-06-88	08-10-88
SG-123	189399	135013	06-13-88	07-06-88	08-10-88
SG-124	189400	135014	06-13-88	07-06-88	08-10-88
SG-125	189401	135015	06-13-88	07-06-88	08-10-88
SG-126	189402	135016	06-13-88	07-06-88	08-10-88
SG-127	189403	135017	06-13-88	07-06-88	08-10-88
SG-128	189404	135018	06-13-88	07-06-88	08-10-88
SG-129	189405	135019	06-13-88	07-06-88	08-10-88
SG-130	189406	135020	06-13-88	07-06-88	08-10-88
SG-131	189407	135021	06-13-88	07-06-88	08-10-88
SG-132	189408	135022	06-13-88	07-06-88	08-10-88
SG-133	189446	135023	06-13-88	07-06-88	08-10-88
SG-134	189409	135024	06-13-88	07-06-88	08-10-88
SG-135	189410	135025	06-13-88	07-06-88	08-10-88
SG-136	189411	135026	06-13-88	07-06-88	08-10-88
SG-137	189412	135027	06-13-88	07-06-88	08-10-88
SG-143	189418	135033	06-13-88	07-06-88	08-10-88
SG-144	189419	135034	06-13-88	07-06-88	08-10-88

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
SG-145	189420	135035	06-13-88	07-06-88	08-10-88
SG-146	189421	135036	06-13-88	07-06-88	08-10-88
SG-147	189422	135037	06-13-88	07-06-88	08-10-88
SG-148	189423	135038	06-13-88	07-06-88	08-10-88
SG-149	189424	135039	06-13-88	07-06-88	08-10-88
SG-150	189448	135040	06-13-88	07-06-88	08-10-88
SG-151	189425	135041	06-13-88	07-06-88	08-10-88
SG-152	189426	135042	06-13-88	07-06-88	08-10-88
SG-153	189427	135043	06-13-88	07-06-88	08-10-88
SG-154	189428	135044	06-13-88	07-06-88	08-10-88
SG-155	189429	135045	06-13-88	07-06-88	08-10-88
SG-156	189430	135046	06-13-88	07-06-88	08-10-88
SG-157	189431	135047	06-13-88	07-06-88	08-10-88
SG-158	189432	135048	06-13-88	07-06-88	08-10-88
SG-159	189433	135049	06-13-88	07-06-88	08-10-88
SG-160	189434	135050	06-13-88	07-06-88	08-10-88
SG-161	189435	135051	06-13-88	07-06-88	08-10-88
SG-162	189436	135052	06-13-88	07-06-88	08-10-88
SG-168	189442	135058	06-13-88	07-06-88	08-10-88
SG-169	189443	185059	06-13-88	07-06-88	08-10-88
SUNGOLD 170	189444	135060	06-13-88	07-06-88	08-10-88
SB-1	170943	96576	05-17-84	05-23-84	
Amended	171742		08-20-84	08-21-84	08-28-84
SB-2	170942	96577	05-17-84	05-23-84	
Amended	171743		08-20-84	08-21-84	08-28-84
SB-3	170944	96578	05-17-84	05-23-84	
Amended	171744		08-20-84	08-21-84	08-28-84
SB-4	171819	96579	08-20-84	08-27-84	08-28-84
SB-5	171820	96580	08-20-84	08-27-84	08-28-84
SB-6	174146	103706	06-10-85	06-19-85	07-22-85
Amended	174336		07-12-85	07-16-85	07-22-85
SB-7	174147	103707	06-10-85	06-19-85	07-22-85
Amended	174337		07-12-85	07-16-85	07-22-85
SB-8	174148	103708	06-10-85	06-19-85	07-22-85
Amended	174338		07-12-85	07-16-85	07-22-85

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

<u>CLAIM NAME</u>	<u>COURTHOUSE FILE RECEPTION #</u>	<u>BLM IMC #</u>	<u>DATE LOCATED AND AMENDED</u>	<u>DATE RECORDED WITH COUNTY</u>	<u>DATE RECORDED WITH BLM</u>
SB-9	174149	103709	06-14-85	06-19-85	07-22-85
SB-10	174150	103710	06-14-85	06-19-85	07-22-85
SB-11	174151	103711	06-14-85	06-19-85	07-22-85
SB-12	174339	103712	06-25-85	07-16-85	07-22-85
SB-13	174340	103713	06-25-85	07-16-85	07-22-85
SB-14	174341	103714	06-25-85	07-16-85	07-22-85
SB-15	174342	103715	06-28-85	07-16-85	07-22-85
SB-16	175310	104972	09-25-85	10-15-85	10-16-85
SB-17	175311	104973	09-25-85	10-15-85	10-16-85
SB-18	175312	104974	09-25-85	10-15-85	10-16-85
SB-19	175313	104975	09-25-85	10-15-85	10-16-85
SB-20	175314	104976	09-25-85	10-15-85	10-16-85
SB-21	175315	104977	09-25-85	10-15-85	10-16-85
SB-22	175316	104978	09-25-85	10-15-85	10-16-85
SB-23	176317	104979	09-25-85	10-15-85	10-16-85
SB-24	175318	104980	09-25-85	10-15-85	10-16-85
SB-25	175319	104981	09-25-85	10-15-85	10-16-85
SB-26	175320	104982	09-26-85	10-15-85	10-16-85
SB-27	175321	104983	09-26-85	10-15-85	10-16-85
SB-28	175322	104984	09-26-85	10-15-85	10-16-85
SB-29	175323	104985	09-26-85	10-15-85	10-16-85
SB-30	175324	104986	09-26-85	10-15-85	10-16-85
SB-31	175325	104987	09-27-85	10-15-85	10-16-85
SB-32	175326	104988	09-27-85	10-15-85	10-16-85
SB-33	175327	104989	09-30-85	10-15-85	10-16-85
SB-34	175328	104990	09-30-85	10-15-85	10-16-85
SB-35	175329	104991	09-30-85	10-15-85	10-16-85
SB-36	175330	104992	09-30-85	10-15-85	10-16-85
SB-37	175331	104993	10-03-85	10-15-85	10-16-85
SB-38	175332	104994	10-03-85	10-15-85	10-16-85
SB-39	175333	104995	10-03-85	10-15-85	10-16-85
SB-40	175334	104996	10-03-85	10-15-85	10-16-85
SB-41	175335	104997	10-03-85	10-15-85	10-16-85



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<u>CLAIM NAME</u>	<u>COURTHOUSE FILE RECEPTION #</u>	<u>BLM IMC #</u>	<u>DATE LOCATED AND AMENDED</u>	<u>DATE RECORDED WITH COUNTY</u>	<u>DATE RECORDED WITH BLM</u>
SB-42	175336	104998	10-03-85	10-15-85	10-16-85
SB-43	175337	104999	10-03-85	10-15-85	10-16-85
SB-44	175338	105000	10-03-85	10-15-85	10-16-85
SB-45	175339	105001	10-03-85	10-15-85	10-16-85
SB-46	175340	105002	10-03-85	10-15-85	10-16-85
SB-47	175341	105003	10-03-85	10-15-85	10-16-85
SB-48	175342	105004	10-04-85	10-15-85	10-16-85
SB-49	175343	105005	10-04-85	10-15-85	10-16-85
SB-50	175344	105006	10-03-85	10-15-85	10-16-85
SB-51	175345	105007	10-03-85	10-15-85	10-16-85
SB-52	175346	105008	10-14-85	10-15-85	10-16-85
SB-53	175347	105009	10-14-85	10-15-85	10-16-85
SB-54	175348	105010	10-14-85	10-15-85	10-16-85
SB-55	175349	105011	10-14-85	10-15-85	10-16-85
SB-56	175350	105012	10-14-85	10-15-85	10-16-85
SB-57	175351	105013	10-14-85	10-15-85	10-16-85
SB-58	177007	109852	06-04-86	06-16-86	07-03-86
SB-59	177008	109853	06-05-86	06-16-86	07-03-86
SB-60	177009	109854	06-05-86	06-16-86	07-03-86
SB-61	177010	109855	06-06-86	06-16-86	07-03-86
SB-62	177011	109856	06-05-86	06-16-86	07-03-86
SB-63	177012	109857	06-05-86	06-16-86	07-03-86
SB-64	177013	109858	06-05-86	06-16-86	07-03-86
SB-65	177014	109859	06-05-86	06-16-86	07-03-86
SB-66	177015	109860	06-06-86	06-16-86	07-03-86
SB-67	177016	109861	06-09-86	06-16-86	07-03-86
SB-68	177017	109862	06-09-86	06-16-86	07-03-86
SB-69	177018	109863	06-11-86	06-16-86	07-03-86
SB-70	177019	109864	06-11-86	06-16-86	07-03-86
SB-71	177020	109865	06-10-86	06-16-86	07-03-86
SB-72	177021	109866	06-11-86	06-16-86	07-03-86
SB-73	177022	109867	06-11-86	06-16-86	07-03-86
SB-74	177023	109868	06-11-86	06-16-86	07-03-86

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CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
SB-75	177024	109869	06-11-86	06-16-86	07-03-86
SB-76	177025	109870	06-10-86	06-16-86	07-03-86
SB-77	177026	109871	06-11-86	06-16-86	07-03-86
SB-78	177027	109872	06-11-86	06-16-86	07-03-86
SB-79	177028	109873	06-11-86	06-16-86	07-03-86
SB-80	177029	109874	06-11-86	06-16-86	07-03-86
SB-81	177030	109875	06-11-86	06-16-86	07-03-86
SB-82	177031	109876	06-11-86	06-16-86	07-03-86
SB-83	177032	109877	06-06-86	06-16-86	07-03-86
SILVER PINE #1	160154	67462	08-26-81	09-01-81	
SILVER PINE #15	160168	67476	08-31-81	09-01-81	12-02-81
SILVER PINE #16	160169	67477	08-31-81	09-01-81	12-02-81
Amended	200428		10-09-91	10-17-91	10-18-91
SILVER PINE #17	160170	67478	08-31-81	09-01-81	12-02-81
SILVER PINE #18	160171	67479	08-31-81	09-01-81	12-02-81
SOAPSTONE	140402	31539	08-17-75	08-19-75	10-17-79
Amended	200424		10-10-91	10-17-91	10-18-91
SOAPSTONE #1	140403	31540	08-17-75	08-19-75	
SENTINEL FRACTION	20:356	10813			
Amended	137564				
Amended	160586				
Amended	194999				
Amended	200425				
VERNON #1	137562	20814	08-02-74	08-09-74	
Amended	138006		08-29-74	09-04-74	
VERNON #2	125422	20815	07-24-68		
Amended	130336				
VERNON #3	125423	20816	07-24-68		
Amended	138337				
VERNON #4	125424	20817	07-24-68		
Amended	138338				

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**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM	
VERNON #5	125425	20818	07-24-68			
Amended	138339					
VERNON #6	125426	20819	07-24-68			
Amended	138340					
VERNON #7	125427	20820	07-24-68			
Amended	138341					
VERNON #8	125428	20821	07-24-68			
Amended	138342					
VERNON #9	125429	20822	07-24-68			
Amended	138343					
VERNON #10	125430	20823	07-24-68			
Amended	138344					
VERNON #11	125431	20824	07-24-68			
Amended	138345					
VERNON #12	137565	20825	07-09-74	08-09-74		
Amended	138007		08-29-74	09-04-74		
WASHOUT	121901	17693	07-30-66	10-20-66		
COPENHAGEN	190424	138114	10-14-88	10-18-88	10-28-88	
Amended	190698		11-28-88	12-01-88	12-05-88	
Amended	191196		01-23-89	02-23-89	03-13-89	
EXTENSION #1	168929	88621	09-07-83	09-21-83	09-29-83	3685 A
Amended	200426		10-11-91	10-17-91	10-18-91	
Amended	200620		11-13-91	11-15-91	11-18-91	
EXTENSION #2	168930	88622	09-07-83	09-21-83	09-29-83	3685 A
Amended	200427		10-11-91	10-17-91	10-18-91	
Amended	200621		11-13-91	11-15-91	11-18-91	
EXTENSION #3	168931	88623	09-07-83	09-21-83		
EXTENSION #4	168932	88624	09-14-83	09-21-83		
EXTENSION #5	168933	88625	09-15-83	09-21-83		

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**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM	
GOLD DUST #1	118922	20802	07-10-64	07-13-64	09-20-79	3677 A
Amended	198927		06-20-91	06-27-91	07-01-91	
Amended	199612		07-03-91	07-10-91	07-11-91	
Amended	200619		11-13-91	11-15-91	11-18-91	
GOLD DUST #2	118354	20804	10-20-63	11-14-63		
GOLDEN ANCHOR	12:368	20811	03-06-41	03-10-41	09-20-79	3685 A
Amended	137563		08-01-74	08-09-74		
Amended	200414		10-10-91	10-17-91	10-18-91	
GROUSE CREEK #1	18:307	31542	10-08-65	11-04-65	10-17-79	3685 A
Amended	200415		10-09-91	10-17-91	10-18-91	
GROUSE CREEK #2	18:308	31543	10-08-65	11-04-65	10-17-79	3685 A
Amended	200416		10-09-91	10-17-91	10-18-91	
GROUSE CREEK #3	18:309	31544	10-08-65	11-04-65	10-17-79	3685 A
Amended	200417		10-09-91	10-17-91	10-18-91	
GROUSE CREEK #4	18:310	31545	10-08-65	11-04-65	10-17-79	3685 A
Amended	200418		10-09-91	10-17-91	10-18-91	
GROUSE CREEK #5	18:311	31546	09-10-65	11-04-65	10-17-79	3685 A
Amended	200419		10-10-91	10-17-91	10-18-91	
GROUSE CREEK #8	18:436	31547	07-17-66	07-22-66	10-17-79	3685 A
Amended	200420		10-09-91	10-17-91	10-18-91	
GC-9	177208	109819	06-17-86	07-02-86	07-03-86	3685 A
Amended	200429		10-10-91	10-17-91	10-18-91	
H. WHITON	171100	95888	06-04-84	06-07-84	08-16-84	
HUGH-1	195408	158093	04-14-90	06-07-90	06-25-90	
HUGH-2	195409	158094	04-14-90	06-07-90	06-25-90	
HUGH-3	195410	158095	04-14-90	06-07-90	06-25-90	
HUGH-4	195411	158096	04-14-90	06-07-90	06-25-90	
HUGH-5	195412	158097	04-14-90	06-07-90	06-25-90	
HUGH-6	195413	158098	04-14-90	06-07-90	06-25-90	

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**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
HUGH-7	195414	158099	04-14-90	06-07-90	06-25-90
HUGH-8	195415	158100	04-14-90	06-07-90	06-25-90
HUGH-9	195416	158101	04-14-90	06-07-90	06-25-90
HUGH-10	195417	158102	04-14-90	06-07-90	06-25-90
HUGH-11	195418	158103	04-14-90	06-07-90	06-25-90
HUGH-12	195419	158104	04-14-90	06-07-90	06-25-90
HUGH-13	195420	158105	04-14-90	06-07-90	06-25-90
HUGH-14	195421	158106	04-14-90	06-07-90	06-25-90
HUGH-15	195422	158107	04-14-90	06-07-90	06-25-90
HUGH-16	195423	158108	04-14-90	06-07-90	06-25-90
HUGH-17	195424	158109	04-14-90	06-07-90	06-25-90
HUGH-18	195425	158110	04-14-90	06-07-90	06-25-90
HUGH-19	195426	158111	04-14-90	06-06-90	06-25-90
HUGH-20	195427	158112	04-14-90	06-07-90	06-25-90
Amended	198673		04-10-91	05-17-91	05-29-91
HUGH-21	195428	158113	04-14-90	06-07-90	06-25-90
Amended	198674		04-10-91	05-17-91	05-29-91
HUGH-22	195429	158114	04-14-90	06-07-90	06-25-90
HUGH-23	195430	158115	04-14-90	06-07-90	06-25-90
Amended	198675		04-10-91	05-17-91	05-29-91
HUGH-23A	195431	158116	04-13-90	06-07-90	06-25-90
HUGH-24	195432	158117	04-14-90	06-07-90	06-25-90
Amended	198676		04-10-91	05-17-91	05-29-91
HUGH-25	195433	158118	04-14-90	06-07-90	06-25-90
HUGH-26	195434	158119	04-14-90	06-07-90	06-25-90
HUGH-26A	195435	158120	04-14-90	06-07-90	06-25-90
HUGH-27	195436	158121	04-14-90	06-07-90	06-25-90
HUGH-28	195437	158122	04-14-90	06-07-90	06-25-90
HUGH-29	195438	158123	04-14-90	06-07-90	06-25-90
HUGH-30	194539	158124	04-14-90	06-07-90	06-25-90
HUGH-31	195440	158125	04-14-90	06-07-90	06-25-90
HUGH-32	195441	158126	04-14-90	06-07-90	06-25-90
HUGH-33	195442	158127	04-14-90	06-07-90	06-25-90

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**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
HUGH-34	195443	158128	04-14-90	06-07-90	06-25-90
HUGH-35	195444	158129	04-14-90	06-07-90	06-25-90
HUGH-36	195445	158130	04-14-90	06-07-90	06-25-90
HUGH-37	195446	158131	04-14-90	06-07-90	06-25-90
HUGH-38	195447	158132	04-14-90	06-07-90	06-25-90
Amended	198677		04-10-91	05-17-91	05-29-91
HUGH-39	195448	158133	04-14-90	06-07-90	06-25-90
Amended	198678		04-10-91	05-17-91	05-29-91
HUGH-40	195449	158134	04-14-90	06-07-90	06-25-90
HUGH-41	195450	158135	04-14-90	06-07-90	06-25-90
HUGH-42	195451	158136	04-14-90	06-07-90	06-25-90
HUGH-43	195452	158137	04-14-90	06-07-90	06-25-90
HUGH-44	195453	158138	04-14-90	06-07-90	06-25-90
HUGH-45	195454	158139	04-14-90	06-07-90	06-25-90
HUGH-46	195455	158140	04-14-90	06-07-90	06-25-90
HUGH-47	195456	158141	04-14-90	06-07-90	06-25-90
HUGH-48	195457	158142	04-14-90	06-07-90	06-25-90
HUGH-49	195458	158143	04-14-90	06-07-90	06-25-90
HUGH-50	195459	158144	04-14-90	06-07-90	06-25-90
HUGH-51	195460	158145	04-14-90	06-07-90	06-25-90
HUGH-52	195461	158146	04-14-90	06-07-90	06-25-90
HUGH-53	195462	158147	04-14-90	06-07-90	06-25-90
HUGH-54	195463	158148	04-14-90	06-07-90	06-25-90
HUGH-55	195464	158149	04-14-90	06-07-90	06-25-90
HUGH-56	195465	158150	04-14-90	06-07-90	06-25-90
HUGH-57	195466	158151	04-14-90	06-07-90	06-25-90
HUGH-58	195467	158152	04-14-90	06-07-90	06-25-90
HUGH-59	195468	158153	04-14-90	06-07-90	06-25-90
HUGH-60	195469	158154	04-14-90	06-07-90	06-25-90
HUGH-61	195470	158155	04-14-90	06-07-90	06-25-90
HUGH-62	195471	158156	04-14-90	06-07-90	06-25-90
HUGH-63	195472	158157	04-14-90	06-07-90	06-25-90
HUGH-64	195473	158158	04-14-90	06-07-90	06-25-90

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CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
HUGH-65	195474	158159	04-14-90	06-07-90	06-25-90
HUGH-66	195475	158160	04-14-90	06-07-90	06-25-90
HUGH-67	195476	158161	04-16-90	06-07-90	06-25-90
HUGH-68	195477	158162	04-14-90	06-07-90	06-25-90
HUGH-69	195478	158163	04-14-90	06-07-90	06-25-90
HUGH-70	195479	158164	04-14-90	06-07-90	06-25-90
HUGH-71	195480	158165	04-14-90	06-07-90	06-25-90
HUGH-72	195481	158166	04-14-90	06-07-90	06-25-90
HUGH-73	195482	158167	04-14-90	06-07-90	06-25-90
HUGH-74	195483	158168	04-14-90	06-07-90	06-25-90
HUGH-75	195484	158169	04-14-90	06-07-90	06-25-90
HUGH-76	195485	158170	04-14-90	06-07-90	06-25-90
HUGH-77	195486	158171	04-14-90	06-07-90	06-25-90
HUGH-78	195487	158172	04-14-90	06-07-90	06-25-90
HUGH-79	195488	158173	04-14-90	06-07-90	06-25-90
HUGH-80	195489	158174	04-14-90	06-07-90	06-25-90
HUGH-83	195492	158177	04-14-90	06-07-90	06-25-90
Amended	198679		04-10-91	05-17-91	05-29-91
HUGH-84	195493	158178	04-14-90	06-07-90	06-25-90
Amended	198680		04-10-91	05-17-91	05-29-91
HUGH-85	195494	158179	04-14-90	06-07-90	06-25-90
HUGH-86	195495	158180	04-14-90	06-07-90	06-25-90
HUGH-87	195496	158181	04-14-90	06-07-90	06-25-90
HUGH-88	195497	158182	04-14-90	06-07-90	06-25-90
HUGH-89	195498	158183	04-14-90	06-07-90	06-25-90
HUGH-90	195499	158184	04-14-90	06-07-90	06-25-90
HUGH-91	195500	158185	04-14-90	06-07-90	06-25-90
HUGH-92	195501	158186	04-14-90	06-07-90	06-25-90
HUGH-93	195502	158187	04-14-90	06-07-90	06-25-90
HUGH-94	195503	158188	04-14-90	06-07-90	06-25-90
HUGH-95	195504	158189	04-14-90	06-07-90	06-25-90
HUGH-98	195507	158192	04-14-90	06-07-90	06-25-90
Amended	198681		04-10-91	05-17-91	05-29-91

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**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
HUGH-99	195508	158193	04-14-90	06-07-90	06-25-90
Amended	198682		04-10-91	05-17-91	05-29-91
HUGH-100	195509	158194	04-14-90	06-07-90	06-25-90
HUGH-101	195510	158195	04-14-90	06-07-90	06-25-90
HUGH-102	195511	158196	04-14-90	06-07-90	06-25-90
HUGH-103	195512	158197	04-14-90	06-07-90	06-25-90
HUGH-209	195616	158301	04-16-90	06-07-90	06-25-90
HUGH-210	195617	158302	04-16-90	06-07-90	06-25-90
Amended	198690		04-10-91	05-17-91	05-29-91
HUGH-230	195637	158322	05-18-90	06-07-90	06-25-90
HUGH-231	195638	158323	05-18-90	06-07-90	06-25-90
HUGH-232	195639	158324	05-18-90	06-07-90	06-25-90
HUGH-467	195876	158559	05-17-90	06-08-90	06-25-90
HUGH-468	195877	158560	05-17-90	06-08-90	06-25-90
HUGH-469	195878	158561	05-17-90	06-08-90	06-25-90
HUGH-470	195879	158562	05-17-90	06-08-90	06-25-90
HUGH-471	195880	158563	05-17-90	06-08-90	06-25-90
HUGH-472	195881	158564	05-17-90	06-08-90	06-25-90
HUGH-473	195882	158565	05-17-90	06-08-90	06-25-90
HUGH-475	195884	158567	05-17-90	06-08-90	06-25-90
HUGH-476	195885	158568	05-17-90	06-08-90	06-25-90
HUGH-477	195886	158569	05-17-90	06-08-90	06-25-90
HUGH-478	195887	158570	05-17-90	06-08-90	06-25-90
HUGH-479	195888	158571	05-17-90	06-08-90	06-25-90
HUGH-480	195889	158572	05-17-90	06-08-90	06-25-90
HUGH-481	195890	158573	05-17-90	06-08-90	06-25-90
HUGH-483	195892	158575	05-18-90	06-08-90	06-25-90
HUGH-484	195893	158576	05-18-90	06-08-90	06-25-90
HUGH-485	195894	158577	05-18-90	06-08-90	06-25-90
HUGH-486	195895	158578	05-18-90	06-08-90	06-25-90
HUGH-487	195896	158579	05-18-90	06-08-90	06-25-90
HUGH-488	195897	158580	05-18-90	06-08-90	06-25-90
HUGH-489	195898	158581	05-18-90	06-08-90	06-25-90



**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
HUGH-490	195899	158582	05-18-90	06-08-90	06-25-90
HUGH-491	195900	158583	05-18-90	06-08-90	06-25-90
HUGH-493	195902	158585	05-18-90	06-08-90	06-25-90
HUGH-494	195903	158586	05-18-90	06-08-90	06-25-90
HUGH-495	195904	158587	05-18-90	06-08-90	06-25-90
HUGH-496	195905	158588	05-18-90	06-08-90	06-25-90
HUGH-497	195906	158589	05-18-90	06-08-90	06-25-90
HUGH-498	195907	158590	05-18-90	06-08-90	06-25-90
HUGH-498A	195908	158591	05-18-90	06-08-90	06-25-90
HUGH-499	195909	158592	05-18-90	06-08-90	06-25-90
HUGH-500	195910	158593	05-18-90	06-08-90	06-25-90
HUGH-501	195911	158594	05-18-90	06-08-90	06-25-90
HUGH-502	195912	158595	05-18-90	06-08-90	06-25-90
HUGH-503	195913	158596	05-18-90	06-08-90	06-25-90
HUGH-504	195914	158597	05-18-90	06-08-90	06-25-90
HUGH-505	195915	158598	05-18-90	06-08-90	06-25-90
HUGH-506	195916	158599	05-18-90	06-08-90	06-25-90
HUGH-513	195923	158606	05-18-90	06-08-90	06-25-90
HUGH-514	195924	158607	05-18-90	06-08-90	06-25-90
HUGH-515	195925	158608	05-18-90	06-08-90	06-25-90
HUGH-516	195926	158609	05-18-90	06-08-90	06-25-90
HUGH-517	195927	158610	05-17-90	06-08-90	06-25-90
HUGH-518	195928	158611	05-17-90	06-08-90	06-25-90
HUGH-519	195929	158612	05-17-90	06-08-90	06-25-90
HUGH-520	195930	158613	05-17-90	06-08-90	06-25-90
HUGH-521	195931	158614	05-17-90	06-08-90	06-25-90
HUGH-522	195932	158615	05-17-90	06-08-90	06-25-90
HUGH-523	195933	158616	05-17-90	06-08-90	06-25-90
HUGH-524	195934	158617	05-17-90	06-08-90	06-25-90
HUGH-525	195935	158618	05-17-90	06-08-90	06-25-90
HUGH-538	195948	158631	05-17-90	06-08-90	06-25-90
HUGH-539	195949	158632	05-17-90	06-08-90	06-25-90
HUGH-540	195950	158633	05-17-90	06-08-90	06-25-90

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
HUGH-541	195951	158634	05-17-90	06-08-90	06-25-90
HUGH-542	195952	158635	05-17-90	06-08-90	06-25-90
HUGH-543	195953	158636	05-17-90	06-08-90	06-25-90
HUGH-544	195954	158637	05-17-90	06-08-90	06-25-90
HUGH-545	195955	158638	05-17-90	06-08-90	06-25-90
HUGH-546	195956	158639	05-17-90	06-08-90	06-25-90
HUGH-800	197451	161697	08-23-90	10-09-90	10-22-90
HUGH-801	197452	161698	08-23-90	10-09-90	10-22-90
HUGH-802	197453	161699	08-23-90	10-09-90	10-22-90
HUGH-803	197454	161700	08-23-90	10-09-90	10-22-90
Amended	198703		04-10-90	05-17-91	05-29-91
HUGH-804	197455	161701	08-23-90	10-09-90	10-22-90
HUGH-805	197456	161702	08-23-90	10-09-90	10-22-90
HUGH-809	197460	161706	08-24-90	10-09-90	10-22-90
HUGH-810	197461	161707	08-24-90	10-09-90	10-22-90
HUGH-811	197462	161708	08-24-90	10-09-90	10-22-90
HUGH-812	197463	161709	08-24-90	10-09-90	10-22-90
HUGH-813	197464	161710	08-24-90	10-09-90	10-22-90
HUGH-814	197465	161711	08-24-90	10-09-90	10-22-90
HUGH-815	197466	161712	08-24-90	10-09-90	10-22-90
HUGH-816	197467	161713	08-24-90	10-09-90	10-22-90
HUGH-817	197468	161714	08-24-90	10-09-90	10-22-90
HUGH-818	197469	161715	08-24-90	10-09-90	10-22-90
HUGH-819	197470	161716	08-24-90	10-09-90	10-22-90
HUGH-820	197471	161717	08-24-90	10-09-90	10-22-90
HUGH-821	197472	161718	08-24-90	10-09-90	10-22-90
J. HORA	171099	95889	06-04-84	06-07-84	08-16-84
KELLY NO.1	140546	20827	08-05-75	08-28-75	09-20-79
Amended	200421		10-09-91	10-17-91	10-18-91
KELLY NO.2	140545	20828	08-05-75	08-28-75	09-20-79
Amended	200422		10-09-91	10-17-91	10-18-91

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
KELLY NO.3	140544	20829	08-05-75	08-28-75	09-20-79
Amended	200423		10-09-91	10-17-91	10-18-91
OINK #1	197509	161720	08-10-90	10-12-90	10-22-90
OINK #2	197508	161721	08-10-90	10-12-90	10-22-90
OINK #3	197507	161722	08-10-90	10-12-90	10-22-90
OINK #4	197506	161723	08-10-90	10-12-90	10-22-90

**UNPATENTED PLACER CLAIMS (1 CLAIM)**

DREDGE #1	197510	161719	08-01-90	10-12-90	10-22-90
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**UNPATENTED MILLSITE CLAIMS (43 CLAIMS)**

+JORDAN NO. 3	156585	54805	11-07-80	11-19-80	12-04-80
+SUN FRACTION	156589	54806	11-07-80	11-19-80	12-04-80
+SENTINEL FRACTION	156587	54807	11-07-80	11-19-80	12-04-80
Amended	160589		09-08-81	09-29-81	
+SENTINEL	156586	54808	11-07-80	11-19-80	12-04-80
Amended	160590		09-08-81	09-29-81	
Amended	170373				
Amended	170531		03-23-84	03-26-84	03-27-84
+SQUAW HITCH	156588	54809	11-07-80	11-19-80	12-04-80
+GOLD DUST	156491	54810	11-07-80	11-10-80	12-04-80
Amended	159032				
Amended	170374				
NORTH SUNBEAM	156492	54811	11-07-80	11-10-80	12-04-80
+EXCHEQUER	156493	54812	11-07-80	11-10-80	12-04-80
Amended	170532		03-23-84	03-26-84	03-27-84
Amended	170375				
+MATILDA	156494	54813	11-07-80	11-10-80	12-04-80
+RIDGE	156495	54814	11-07-80	11-10-80	12-04-80
+DAY	156496	54815	11-07-80	11-10-80	12-04-80
+SUN	156497	54816	11-07-80	11-10-80	12-04-80

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
+MOUNTAIN KING	156498	54817	11-07-80	11-10-80	12-04-80
+JORDAN NO. 2	156499	54818	11-07-80	11-10-80	12-04-80
+JORDAN LODE	156500	54819	11-07-80	11-10-80	12-04-80
SBMS-1	174499	103982	07-25-85	07-30-85	08-23-85
Amended	198928		06-19-91	06-27-91	07-01-91
Amended	199613		07-03-91	07-10-91	07-11-91
SBMS-2	174500	103983	07-25-85	07-30-85	08-23-85
Amended	++198929 & 199611		06-19-91	06-27-91	07-01-91
Amended	199614		07-03-91	07-10-91	07-11-91
SBMS-3	189792	135286	08-09-88	08-10-88	08-15-88
Amended	198930		06-17-91	06-27-91	07-01-91
Amended	199615		07-03-91	07-10-91	07-11-91
SBMS-4	189793	135287	08-09-88	08-10-88	08-15-88
Amended	198931		06-17-91	06-27-91	07-01-91
Amended	199616		07-03-91	07-10-91	07-11-91
SBMS-5	189794	135288	08-09-88	08-10-88	08-15-88
Amended	198932		06-17-91	06-27-91	07-01-91
Amended	199617		07-03-91	07-10-91	07-11-91
SBMS-6	189795	135289	08-09-88	08-10-88	08-15-88
Amended	198933		06-17-91	06-27-91	07-01-91
Amended	199618		07-03-91	07-10-91	07-11-91
SBMS-7	189796	135290	08-09-88	08-10-88	08-15-88
Amended	198934		06-17-91	06-27-91	07-01-91
Amended	199619		07-03-91	07-10-91	07-11-91
SBMS-8	189797	135291	08-09-88	08-10-88	08-15-88
Amended	198935		06-18-91	06-27-91	07-01-91
Amended	199620		07-03-91	07-10-91	07-11-91
+ Patent pending project start up (patent applied for - January 1984)					
++ Same amendment, courthouse filing error					

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

CLAIM NAME	COURTHOUSE FILE RECEPTION #	BLM IMC #	DATE LOCATED AND AMENDED	DATE RECORDED WITH COUNTY	DATE RECORDED WITH BLM
SBMS-9	189798	135292	08-09-88	08-10-88	08-15-88
Amended	198936		06-18-91	06-27-91	07-01-91
Amended	199621		07-03-91	07-10-91	07-11-91
SBMS-10	189799	135293	08-09-88	08-10-88	08-15-88
Amended	198937		06-17-91	06-27-91	07-01-91
Amended	199622		07-03-91	07-10-91	07-11-91
SBMS-11	198938	165325	06-20-91	06-27-91	07-01-91
Amended	199623		07-03-91	07-10-91	07-11-91
SBMS-12	198939	165326	06-20-91	06-27-91	07-01-91
Amended	199624		07-03-91	07-10-91	07-11-91
SBMS-13	198940	165327	06-17-91	06-27-91	07-01-91
Amended	199625		07-03-91	07-10-91	07-11-91
SBMS-14	198941	165328	06-17-91	06-27-91	07-01-91
Amended	199626		07-03-91	07-10-91	07-11-91
SBMS-15	198942	165329	06-17-91	06-27-91	07-01-91
Amended	199627		07-03-91	07-10-91	07-11-91
SBMS-16	198943	165330	06-17-91	06-27-91	07-01-91
Amended	199628		07-03-91	07-10-91	07-11-91
SBMS-17	198944	165331	06-20-91	06-27-91	07-01-91
Amended	199629		07-03-91	07-10-91	07-11-91
SBMS-18	198945	165332	06-17-91	06-27-91	07-01-91
Amended	199630		07-03-91	07-10-91	07-11-91
SBMS-19	198946	165333	06-17-91	06-27-91	07-01-91
Amended	199631		07-03-91	07-10-91	07-11-91
SBMS-20	198947	165334	06-17-91	06-27-91	07-01-91
Amended	199632		07-03-91	07-10-91	07-11-91
SBMS-21	198948	165335	06-17-91	06-27-91	07-01-91
Amended	199633		07-03-91	07-10-91	07-11-91
SBMS-22	198949	165336	06-16-91	06-27-91	07-01-91
Amended	199634		07-03-91	07-10-91	07-11-91
SBMS-23	198950	165337	06-16-91	06-27-91	07-01-91
Amended	199635		07-03-91	07-10-91	07-11-91

**EXHIBIT A  
QUITCLAIM DEED  
PROPERTY DESCRIPTION**

**UNPATENTED MINING CLAIMS**

<u>CLAIM NAME</u>	<u>COURTHOUSE FILE RECEPTION #</u>	<u>BLM IMC #</u>	<u>DATE LOCATED AND AMENDED</u>	<u>DATE RECORDED WITH COUNTY</u>	<u>DATE RECORDED WITH BLM</u>
SBMS-24	198951	165338	06-16-91	06-27-91	07-01-91
Amended	199636		07-03-91	07-10-91	07-11-91
SBMS-25	198952	165339	06-19-91	06-27-91	07-01-91
Amended	199637		07-03-91	07-10-91	07-11-91
SBMS-26	198953	165340	06-20-91	06-27-91	07-01-91
Amended	199638		07-03-91	07-10-91	07-11-91
SBMS-27	200430	166982	10-11-91	10-17-91	10-18-91
SBMS-28	200431	166983	10-11-91	10-17-91	10-18-91

**PATENTED MINING CLAIMS (15 CLAIMS)**

<u>CLAIM NAME</u>	<u>PATENT NO.</u>	<u>MINERAL SURVEY NO.</u>
DAY	11870043	3651 A
EXCHEQUER	225567	2168
GOLD DUST	11870043	3651 A
JORDAN LODE	11870043	3651 A
JORDAN No.2	11870043	3651 A
JORDAN QUARTZ No.3	11870043	3651 A
MATILDA	225567	2168
MOUNTAIN KING	11870043	3651 A
MULCAHY	884347	2910
NORTH SUNBEAM	225567	2168
RIDGE	225567	2168
SENTINEL	11870043	3651 A
SQUAW HITCH	225567	2168
SUN	11870043	3651 A
SUNBEAM FRACTION	11870043	3651 A
MORRISON PLACER No.1	455667	2660
MORRISON PLACER No.2	455667	2660

***The United States of America***  
***To all to whom these presents shall come, Greeting:***

# 235877  
Custer County Rec. of  
Hecla Mining Co  
Time 1:25 P M Date 1-31, 2007  
Barbara C. Breedlove, Clerk  
Deputy Betsy Doughty \$ 162.00

IDI-29460

WHEREAS

**Hecla Mining Company**  
a Delaware Corporation

did on February 10, 1993, duly enter and pay for certain lodes and mill sites or portions thereof, known as the Gold Dust #1, Grouse Creek #2, Grouse Creek #3, Grouse Creek #4, Grouse Creek #8 lode mining claims and SBMS-1, SBMS-2, SBMS-3, SBMS-4, SBMS-5, SBMS-6, SBMS-7, SBMS-8, SBMS-9, SBMS-10, SBMS 11, SBMS 12, SBMS 13, SBMS 14, SBMS 15, SBMS 16, SBMS 17, SBMS 18, SBMS 19, SBMS 20, SBMS 21, SBMS 22, SBMS 23, SBMS 24, SBMS 25, SBMS 26, SBMS 27, and SBMS 28 mill site claims and is entitled to a patent under the General Mining Laws, R.S. 2325, 30 U.S.C. 29 and R.S. 2337, 30 U.S.C. 42(a), designated and described as:

Mineral Survey No. 3685A & B and Mineral Survey No. 3677A & B, as supplemented, embracing portions of sections 19, 20, 29, and 30, T. 13 N., R. 15 E., unsurveyed, Boise Meridian, situated in the Yankee Fork Mining District, Custer County, Idaho, the said claims being more particularly described in the official field notes and depicted on the official plats, which are expressly made a part of this patent and copies of which are attached hereto. Excepting and excluding from Gold Dust #1 lode mining claim, M.S. No. 3677A & B, as supplemented, 4.796 acres in conflict with Gold Dust Millsite, and 1.959 acres in conflict with North Sunbeam Millsite, M.S. No. 3651A & B; further excepting and excluding from Grouse Creek #2 lode mining claim, M.S. No. 3685A & B, 1.4556 acres in conflict with Mulcahy patented lode, Patent No. 884347 located in sec. 19, T. 13 N., R. 15 E., unsurveyed, Boise Meridian, Idaho; further excepting and excluding from SBMS-3 mill site claim, M.S. No. 3677A & B, as supplemented, 0.141 acre in conflict with Sun Fraction Millsite, M.S. No. 3651A & B; further excepting and excluding from SBMS 26 mill site claim, M.S. No. 3677A & B, as supplemented, 0.00002 acres in conflict with the Gold Dust #1 lode, 1.047 acres in conflict with SBMS-2, M.S. No. 3677A & B, as supplemented, 1.063 acres in conflict with Squaw Hitch Millsite, M.S. No. 3651A & B and 0.025 acres in conflict with Jordan No. 2 patented lode, Patent No. 11-87-0043 located in sec. 29, T. 13 N., R. 15 E., unsurveyed, Boise Meridian, Idaho; and further excepting and excluding from this patent the remainder of Mineral Survey No. 3685A & B and Mineral Survey No. 3677A & B, as supplemented, T. 13 N., R. 15 E., unsurveyed, Boise Meridian, Idaho.

The premises herein granted contains 224.26098 acres.

Patent Number 11-2007-0001



235877

IDI-29460  
Page 2

**NOW KNOW YE**, that there is, therefore, granted by the **UNITED STATES OF AMERICA** unto said Hecla Mining Company, a Delaware Corporation, the lands described above; **TO HAVE AND TO HOLD** the said lands with all the rights, privileges, immunities, and appurtenances of whatsoever nature thereunto belonging, unto the said claimant, its successors, and assigns, forever.

**EXCEPTING AND RESERVING TO THE UNITED STATES:**

1. A right-of-way thereon for ditches and canals constructed by the authority of the United States, Act of August 30, 1890 (43 U.S.C. 945).



IN TESTIMONY WHEREOF, the undersigned in accordance with the provisions of the Act of June 17, 1948 (62 Stat. 476), has, in the name of the United States, caused these letters to be made Patent, and the Seal of the Bureau to be hereunto affixed.

GIVEN under my hand, in THE CITY OF WASHINGTON, DISTRICT OF COLUMBIA the *twenty-first* day of *December* in the year of our Lord two thousand and *Six* and of the Independence of the United States the two hundred and *thirty-first*

By *Kevin R. Biss*  
Director  
*acting*

Patent Number 11-2007-0001



MINERAL SURVEY NUMBER 3677 A&B  
IDAHO

FIELD NOTES  
OF THE SURVEY OF THE MINING CLAIM OF  
THE HECLA MINING COMPANY  
KNOWN AS THE SPHAGNUM GROUP  
Yankee Fork Mining District, Custer County

---

Sections approximately 20, 29, 30, Township 13 North, Range 15 East (Unsurveyed)

of the

Boise Meridian, Idaho

Surveyed by JOHN E. RUSSELL, Mineral Surveyor, under order dated

July 24, 1991, and November 25, 1991, (amended)

---

Survey commenced August 5, 1991; completed December 4, 1991.

Address of claimant's agent  
John E. Russell, P. O. Box 945, McCall, Idaho, 83638

Form 3860-7  
(August 1967)  
(formerly 4-686)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

235877

CERTIFICATE OF SURVEYOR

Name of Mineral Surveyor

Date

JOHN E. RUSSELL

February 24, 1992

I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, Idaho State Office, at Boise, Idaho, dated 7/24/91 and 11/25/91 amended, I have carefully executed the survey of the claim of the HECLA MINING COMPANY, known as the SPHAGNUM GROUP,

situated in unsurveyed sections 20, 29 and 30,

Township 13 North, Range 15 East, Boise Meridian, in the State of Idaho.

This survey, designated as number 3677 A & B, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the GOLD DUST #1 LODGE location(s) embraced in the same mining claim by claimant(s) or their grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

McCall, Idaho  
(Location)

John E. Russell  
(Signature of Mineral Surveyor)

PATENT NO. 11-2007-0001

Hecla 104(e) Supp. Response (08/11/11)  
000771

## FIELD NOTES

Mineral Survey No.

3677 A &amp; B

235877

State

IDAHO

Land District

Yankee Fork

Of the Survey of the Mining Claim of

HECLA MINING COMPANY  
W. Critchfield Street  
P.O. Box 57  
Stanley, ID. 83278

Known as the (name of group, if any)  
Sphagnum Group

## NAME OF CLAIM(S)

NAME OF LOCATION	Located and Amended	Recorded with County	Recorded with BLM	BLM Mining Claim Serial Number
Gold Dust #1 Lode	7/10/64	7/13/64	9/20/79	20802
Amended	11/13/91	11/15/91	11/18/91	
SBMS-1 Millsite	7/25/85	7/30/85	8/23/85	103982
Amended	7/03/91	7/10/91	7/11/91	
SBMS-2 Millsite	7/25/85	7/30/85	8/23/85	103983
Amended	7/03/91	7/10/91	7/11/91	
SBMS-3 Millsite	8/09/88	8/10/88	8/15/88	135286
Amended	7/03/91	7/10/91	7/11/91	
SBMS-4 Millsite	8/09/88	8/10/88	8/15/88	135287
Amended	7/03/91	7/10/91	7/11/91	
SBMS-5 Millsite	8/09/88	8/10/88	8/15/88	135288
Amended	7/03/91	7/10/91	7/11/91	
SBMS-6 Millsite	8/09/88	8/10/88	8/15/88	135289
Amended	7/03/91	7/10/91	7/11/91	
SBMS-7 Millsite	8/09/88	8/10/88	8/15/88	135290
Amended	7/03/91	7/10/91	7/11/91	
SBMS-8 Millsite	8/09/88	8/10/88	8/15/88	135291
Amended	7/03/91	7/10/91	7/11/91	
SBMS-9 Millsite	8/09/88	8/10/88	8/15/88	135292
Amended	7/03/91	7/10/91	7/11/91	
SBMS-10 Millsite	8/09/88	8/10/88	8/15/88	135293
Amended	7/03/91	7/10/91	7/11/91	
SBMS 11 Millsite	6/20/91	6/27/91	7/01/91	165325
Amended	7/03/91	7/10/91	7/11/91	
SBMS 12 Millsite	6/20/91	6/27/91	7/01/91	165326
Amended	7/03/91	7/10/91	7/11/91	
SBMS 13 Millsite	6/17/91	6/27/91	7/01/91	165327
Amended	7/03/91	7/10/91	7/11/91	

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SBMS 14 Millsite	6/17/91	6/27/91	7/01/91	165328
Amended	7/03/91	7/10/91	7/11/91	
SBMS 15 Millsite	6/17/91	6/27/91	7/01/91	165329
Amended	7/03/91	7/10/91	7/11/91	
SBMS 16 Millsite	6/17/91	6/27/91	7/01/91	165330
Amended	7/03/91	7/10/91	7/11/91	
SBMS 17 Millsite	6/20/91	6/27/91	7/01/91	165331
Amended	7/03/91	7/10/91	7/11/91	
SBMS 18 Millsite	6/17/91	6/27/91	7/01/91	165332
Amended	7/03/91	7/10/91	7/11/91	
SBMS 19 Millsite	6/17/91	6/27/91	7/01/91	165333
Amended	7/03/91	7/10/91	7/11/91	
SBMS 20 Millsite	6/17/91	6/27/91	7/01/91	165334
Amended	7/03/91	7/10/91	7/11/91	
SBMS 21 Millsite	6/17/91	6/27/91	7/01/91	165335
Amended	7/03/91	7/10/91	7/11/91	
SBMS 22 Millsite	6/16/91	6/27/91	7/01/91	165336
Amended	7/03/91	7/10/91	7/11/91	
SBMS 23 Millsite	6/16/91	6/27/91	7/01/91	165337
Amended	7/03/91	7/10/91	7/11/91	
SBMS 24 Millsite	6/16/91	6/27/91	7/01/91	165338
Amended	7/03/91	7/10/91	7/11/91	
SBMS 25 Millsite	6/19/91	6/27/91	7/01/91	165339
Amended	7/03/91	7/10/91	7/11/91	
SBMS 26 Millsite	6/20/91	6/27/91	7/01/91	165340
Amended	7/03/91	7/10/91	7/11/91	

## LOCATION OF CLAIM(S)

Mining District Yankee Fork			County Custer	
Section Approx. 20,29,30	Township 13 North	Range 15 East (unsurveyed)	Meridian Boise	Survey under orders dated July 24, 1991 and November 25, 1991 (Amended)
Survey commenced August 5, 1991		Survey completed December 4, 1991		Name of Mineral Surveyor John E. Russell

11-2007-0001

PATENT NO.

MINERAL SURVEY NUMBER 3677 A&B

FEET	<p>This survey was made with a Lietz TM-6 double centering theodolite No. 28546, both horizontal and vertical circles reading directly to 6 seconds of arc, with estimation to 3 seconds. The instrument was in good working order.</p> <p>All azimuths in this record were determined by angles right from the true meridian, determined by the following observation:</p> <p>August 10, 1991, at Corner No. 1 of the Gold Dust #1 lode, at latitude 44°25'59.13" N., and longitude 114°44'09.52" W., elevation 7817 feet above sea level, and temperature 80° F., make a series of six observations on the sun for azimuth, at approximately equal time intervals, three each with the telescope direct and inverted, observing the center of the sun with a solar reticle and filters and reading the horizontal angle from a reference point in a clockwise direction to the sun.</p> <p style="margin-left: 40px;"> Mean time of observation, UTC        = 23h 52m 38s  Mean observed horizontal angle       = 78° 23' 43"  GHA0= 178°37'54.9"    GHA24= 178°40'06.0"  Dec.0= 15°46'26.8"    Dec.24= 15°28'56.9"  Semi-diameter= 0  Variation in the six azimuths= 0°00'06"  True azimuth to reference point= 182°53'45" </p> <p>The lines were measured with a Lietz Red 1-A EDM, No. 5123. This instrument was compared with the Idaho State Calibration course, at Gowen Field, Boise Idaho, and found to be correct.</p> <p>All lines and connections of this survey were run by a combination of direct, traverse, and radial methods, with all angles and distances doubled, and meaned.</p> <p>The magnetic declination observed at each corner of the survey gave the average value of 16 1/2° degrees E.</p> <hr/> <p style="text-align: center;">MINERAL SURVEY NO. 3677 A</p> <hr/> <p style="text-align: center;">GOLD DUST #1 LODE</p> <p>At Cor. No. 1, Gold Dust #1 lode, on line 2-3, Jordan Quartz No. 3 lode, and line 3-4, Gold Dust lode, both M. S. No. 3651A.</p> <p>Set an aluminum pipe, 24 ins. long, 1 in. diam., 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. GD1-1 MS3677A, from which</p>
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## MINERAL SURVEY NO. 3677 A

FEET	
	<p>U.S.M.M. No. 3, Yankee Fork Mining District, bears N.55°29'05"E., 8007.12 ft. dist.; monumented with a rebar (bent), 24 ins. long, 1/2 in. diam., set loosely 10 ins. in the ground, with yellow cap mkd. PE/LS 2255, underneath old wood frame, 20 in. square, 4 1/2 ft. tall, on highest point of Estes Mountain. Position fits corner ties from M. S. 3651A&amp;B. Remove loose rebar, and set an aluminum pipe, 24 ins. long, 1 in. diam., 16 ins. in the ground, surrounded with rock mound, with 3 1/4 in. aluminum cap mkd. USMM 3 8/21/91 JER LS6021. Built small rock mound to the West.</p> <p>Cor. No. 3, Jordan Quartz No. 3 lode, bears N.87°32'03"W., 47.85 ft.</p> <p>A pine, 4 ins. diam., bears S.77°E., 29.8 ft. dist., mkd. GD1-1 3677A BT.</p> <p>A pine, 6 ins. diam., bears S.30 1/2°E., 37.9 ft. dist., mkd. GD1-1 3677A BT.</p> <p>The point of discovery, bears S.57°45'42"E., 320 ft. dist., which point of discovery is a surface drill hole No. 84-63,</p> <p style="text-align: center;">Thence S.87°32'03"E.</p>
100.	Road, 12 ft. wide, bears N.5°E. and S.5°W.
365.	Road, 12 ft. wide, bears N.25°E. and S.25°W.
640.	Road, 12 ft. wide, bears N.20°E. and S.20°W.
890.	Main road, 25 ft. wide, bears N.42°E. and S.42°W.
1110.	Main road, 25 ft. wide, bears N.20°E. and S.20°W.
1370.	Road, 10 ft. wide, bears N.15°W. and S.15°E.
1451.93	<p>Cor. No. 2, identical with Cor. No. 2, M. S. No. 3651A, Jordan Quartz No. 3 lode, and on line 4-1, SBMS 26 millsite of this survey, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add the marks GD1-2 MS3677A to brass cap, from which the orig. bearing trees</p> <p style="padding-left: 40px;">A pine, 4 ins. diam., bears N.64°34'W., 22.5 ft. dist., mkd. J3-2 3651A BT.</p> <p style="padding-left: 40px;">A pine 8 ins. diam., bears N.8°21'W., 19.3 ft., mkd. J3-2 3651A BT.</p>

## MINERAL SURVEY 3677 A

FEET	
	<p>Cor. No. 4, SBMS 26 millsite, this same survey bears S.3°26'W., 18.78 ft. dist.</p> <p>Thence S.3°05'12"W.</p>
18.78	<p>Cor. No. 4, SBMS 26 millsite, this same survey, on line 3-4, M. S. No. 3651B, Gold Dust millsite, from which the witness cor. to Cor. No. 3, bears N.87°32'59"W., 521.24 ft. dist., monumented with an iron post, 1 in. diam., set and mkd. as described in the official record, from which the orig. bearing trees</p> <p>A pine, 10 ins. diam., bears N. 77°15' E., 19.6 ft. dist., mkd. WC GD-3 3651B BT.</p> <p>A pine, 8 ins. diam., bears S. 19°35' E., 25.8 ft. dist., mkd. WC GD-3 3651B BT.</p>
165.00	Road, 10 ft. wide, bears N.32°W. and S.32°E.
460.28	<p>Intersect line 4-1, North Sunbeam millsite, identical with line 1-2, Gold Dust millsite, both M. S. 3651B, from which Cor. No. 1, bears S.78°11'54"E., 18.02 ft. dist., and Cor. No. 2, bears N.78°11'54"W., 531.41 ft. dist.</p> <p>Cor. No. 1, North Sunbeam millsite, identical with Cor. No. 1, Squaw Hitch millsite, Cor. No. 1, Exchequer millsite, and Cor. No. 1, Gold Dust millsite, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record.</p> <p>Cor. No. 2, Gold Dust millsite, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record.</p>
600.00	<p>Set an aluminum pipe, 24 ins. long, 1 in. diam., 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. GD1-3 MS3677A. Point falls in clearcut, from which no suitable bearing objects are available.</p> <p>Thence N.87°32'03"W.</p>
477.55	<p>Cor. No. 1, SBMS 25 millsite, this same survey, on line 3-4, M.S. No. 3651B, North Sunbeam millsite, from which Cor. No. 4, bears N.3°22'39"E., 217.93 ft. dist. At Cor. No. 4, set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, on E. face of a road bank, with 3 1/4 in. aluminum cap mkd. MS3651B N-4, from which</p> <p>A pine, 10 ins. diam., bears S. 87 1/2° W., 34.7 ft. dist., mkd. MS3677A BT.</p> <p>A pine, 28 ins. diam., bears S. 47 1/2 ° W., 27.2 Ft., dist., mkd. MS3677A BT.</p>

## MINERAL SURVEY NO. 3677A

FEET	<p>Center of main road 30 ft. wide, bears S. 78° E., 18 ft. dist.</p> <p>Cor. No. 2, M.S. 3651B, Gold Dust millsite, bears N. 78°11'54" W., 49.43 ft. dist.</p>
537.55	Main road, 30 ft. wide, bears N.21°E. and S.21°W.
716.27	Cor. No. 5, SBMS 25 millsite this same survey.
1451.93	<p>Cor. No. 4, on line 3-4, M.S. No. 3651A, Gold Dust lode.</p> <p>Set an aluminum pipe, 24 ins. long, 1 in. diam., 22 ins. in south face of road bank, with 3 1/4 in. aluminum cap mkd. GD1-4 MS3677A, from which</p> <p>A pine, 8 ins. diam., bears N.53°E., 31.6 ft. dist., mkd. GD1-4 3677A BT. No other suitable bearing objects available.</p> <p>Cor. No. 4, M.S. No. 3651A, Gold Dust lode, bears S.3°05'12"W., 143.32 ft. dist.</p> <p>Thence N.3°05'12"E.</p>
25.	Main road, 25 ft. wide, bears N.74°W. and S.74°E.
210.	Road, 12 ft. wide, bears West and East.
450.	Road, 12 ft. wide, bears S.73°W. and N.73°E.
600.00	Cor. No. 1, and place of beginning.
MINERAL SURVEY NO. 3677 B	
SBMS - 1 MILLSITE	
<p>At Cor. No. 1, SBMS - 1 millsite, identical with Cor. No. 1, SBMS - 2 millsite of this survey, and Cor. No. 4, Squaw Hitch millsite and Cor. No. 2, Exchequer millsite, both M. S. No. 3651B, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add marks S1-1 and S2-1 MS3677B to brass cap, from which</p> <p>U.S.M.M. No. 3, Yankee Fork Mining District, bears N.42°04'46"E., 6960.33 ft. dist., previously described.</p> <p>orig. bearing trees</p>	



## MINERAL SURVEY NO. 3677B

FEET	
	A pine, 8 ins. diam., bears S.7°58'W., 19.0 ft. dist., mkd. EX-2 3651B BT.
	A pine, 10 ins. diam., bears N.87°54'W., 25.2 ft. dist., mkd. EX-2 3651B BT.
	and a new bearing tree
	A pine, 6 ins. diam., bears N.84°E., 12.2 ft. dist., mkd. S2-1 3677B BT.
	Thence N.87°00'E.
60.	Road, 12 ft. wide, bears N.14°E. and S.14°W.
153.	Road, 8 ft. wide, bears N.12°E. and S.12°W.
258.00	Cor. No. 2, identical with Cor. No. 4, SBMS - 2 millsite of this survey.
	Set an aluminum pipe, 30 ins. long, 2 1/4 in. diam., 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S1-2 S2-4 MS3677B, from which
	A fir, 6 ins. diam., bears S.18 1/2°W., 27.4 ft. dist., mkd. S1-2 3677B BT.
	A fir, 18 ins. diam., bears N.39 1/2°W., 16.6 ft. dist., mkd. S2-4 3677B BT.
	Thence S.3°25'14"W.
669.00	Cor. No. 3, identical with Cor. No. 3, SBMS 11 millsite of this survey.
	Set an aluminum pipe, 30 ins. long, 2 1/4 in. diam., 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S1-3 S11-3 MS3677B, from which
	A fir, 5 ins. diam., bears N.34°W., 22.1 ft. dist., mkd. S1-3 3677B BT.
	A pine, 6 ins. diam., bears S.35 1/2°W., 28.9 ft. dist., mkd. S11-3 3677B BT.
	Thence S.87°00'W.
120.	Road, 10 ft. wide, bears N.6°E. and S.6°W.
393.69	Cor. No. 4, identical with Cor. No. 2, SBMS 11 millsite of this survey, on line 3-4, M.S. No. 3651B, Matilda millsite.

## MINERAL SURVEY NO. 3677B

FEET	<p>Set an aluminum pipe, 30 ins. long, 2 1/4 in. diam., 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S1-4 MS3677B, from which</p> <p>A pine, 6 ins. diam., bears N.82 1/2°E., 15.3 ft. dist., mkd. S1-4 3677B BT.</p> <p>A pine, 8 ins. diam., bears S.9 1/2°W., 29.9 ft. dist., mkd. S11-2 3677B BT.</p> <p>Thence N.32°22'57"E.</p>
278.47	<p>Cor. No. 5, identical with Cor. No. 3, Matilda millsite and Cor. No. 3, Exchequer millsite, both M. S. No. 3651B, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add marks S1-5 MS3677B to brass cap, from which the orig. bearing trees</p> <p>A pine, 6 ins. diam., bears S.46°33'W., 8.0 ft. dist., mkd. M-3 3651B BT.</p> <p>A pine, 10 ins. diam., bears N.14°10'W., 8.3 ft. dist., mkd. EX-3 3651B BT.</p> <p>and a new bearing tree</p> <p>A pine, 12 ins. diam., bears S.44°E., 8.2 ft. dist., mkd. S1-5 3677B BT.</p> <p>Thence N.3°25'14"E.</p>
416.	Road, 10 ft. wide, bears West and East.
440.53	Cor. No. 1, and the place of beginning.
	<p>SBMS - 2 MILLSITE</p> <p>At Cor. No. 1, SBMS - 2 millsite, identical with Cor. No. 1, SBMS - 1 millsite of this survey, and Cor. No. 4, Squaw Hitch millsite and Cor. No. 2, Exchequer millsite, both M. S. No. 3651B.</p> <p>Thence N.23°25'53"W.</p>
520.	Road, 10 ft. wide, bears N.59°W. and S.59°E.

MINERAL SURVEY NO. 3677B

FEET	
585.33	Intersect line 3 - 4, SBMS 26 of this survey.
908.83	<p>Cor. No. 2, identical with Cor. No. 3, M.S. No. 3651B, Squaw Hitch millsite, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add marks S2-2 MS3677B to brass cap, from which the orig. bearing trees</p> <p>A pine, 12 ins. diam., bears S.12°52'W., 34.6 ft. dist., mkd. SH-3 3651B BT.</p> <p>A pine, 8 ins. diam., bears S.64°55'W., 45.5 ft. dist., mkd. SH-3 3651B BT.</p> <p>and a new bearing tree</p> <p>A fir, 10 ins. diam., bears S.37 1/2°E., 14.7 ft. dist., mkd. S2-2, 3677B BT.</p> <p>Cor. No. 2, M. S. No. 3651B, Squaw Hitch millsite, bears N.78°14'15"W., 85.12 ft. dist.</p> <p>Thence S.78°08'18"E.</p>
249.71	Intersect line 2 -3, SBMS 26 millsite of this survey.
299.62	<p>Cor. No. 3.</p> <p>Set an aluminum pipe, 30 ins. long, 2 1/4 in. diam., 24 ins. in the ground, with 3 1/4 in. aluminum cap, mkd. S2-3 MS3677B, from which</p> <p>A fir, 8 ins. diam., bears S.20°E., 20.3 ft. dist., mkd. S2-3 3677B BT.</p> <p>A fir, 12 ins. diam., bears S.55 1/2°W., 18.5 ft. dist., mkd. S2-3 3677B BT.</p> <p>Thence S.23°14'18"E.</p>
435.	Road, 25 ft. wide, bears N.2°E. and S.2°W.
625.	Road, 8 ft. wide, bears N.12°E. and S.12°W.
825.79	<p>Cor. No. 4, identical with Cor. No. 2, SBMS - 1 millsite of this survey.</p> <p>Thence S.87°00'W.</p>

## MINERAL SURVEY NO. 3677B

FEET	
105.	Road, 8 ft. wide, bears N.12°E. and S.12°W.
198.	Road, 12 ft. wide, bears N.14°E. and S.14°W.
258.00	Cor. No. 1, and place of beginning.
<hr/>	
SBMS - 3 MLLSITE	
At Cor. No. 1, identical with Cor. No. 1, SBMS - 4 millsite of this survey, on line 1 - 2, M.S. No. 3651B, Jordan No. 3 millsite.	
Set an aluminum pipe, 30 ins. long, 2 1/4 ins. diam., in north-facing road bank, with 3 1/4 in. aluminum cap, mkd. S3-1 S4-1 MS3677B, from which	
U.S.M.M. No. 3, Yankee Fork Mining District, bears N.39°14'49"E., 9371.43 ft. dist., previously described.	
A tuff boulder, 3.3x1.8x1.6 ft. high, bears N.61 1/2°W., 15.2 ft. dist., mkd. X BO.	
A tuff boulder, 4.8x1.9x1.5 ft. high, bears N.75 1/2°W., 28.5 ft. dist., mkd. X BO.	
Thence N.78°08'W.	
190.	Haul road, 10 ft. wide, bears N.60°W. and S.60°E.
255.	Haul road, 15 ft. wide, bears N.7°E., and S.7°W.
545.	Main road, 25 ft. wide, bears N.40°E. and S.40°W.
570.	Ditch, 10 ft. wide, course S.40°W.
737.05	Cor. No. 2, identical with Cor. No. 4, SBMS - 4 millsite, Cor. No. 2, SBMS 19 millsite, and Cor. No. 4, SBMS 20 millsite, all of this survey.
Set an aluminum post, 30 ins. long, 2 1/4 ins. diam., 25 ins. in the ground, with 3 1/4 in. aluminum cap, mkd. S3-2 S4-4 S19-2 S20-4 MS3677B, from which	
A pine, 6 ins. diam., bears N.3°E., 27.8 ft. dist., mkd. S3-2 3677B BT.	

## MINERAL SUREVEY NO. 3677B

FEET	<p>A pine, 5 ins. diam., bears S.76 1/2°W., 16.0 ft. dist., mkd. S20-4 3677B BT.</p> <p>Thence North</p>
115.	Ditch, 10 ft. wide, course S.73°E.
140.	Main road, 30 ft. wide, bears N.73°W. and S.73°E.
301.95	<p>Cor. No. 3, identical with Cor. No. 1, SBMS 18 millsite, and Cor. No. 1, SBMS 19 millsite of this survey, and Cor. No. 2, M. S. No. 3651B, Sentinel millsite, falls in center of main road, 30 ft. wide, bears N.58°E. and S.58°W., where a permanent monument cannot be established due to continued modification of the road level.</p> <p>Thence S.78°08'E.</p>
46.76	<p>Point for Witness Corner to Cor. No. 3, identical with witness Cor. Nos. 1, SBMS 18 and 19 of this survey, and for Cor. No. 2, M.S. 3651B, Sentinel millsite.</p> <p>Set an aluminum pipe, 30 ins. long, 2 1/4 ins. diam., 25 ins. in the ground, on southeast-facing road bank, with 3 1/4 in. aluminum cap mkd. WC S3-3 S18-1 S19-1 MS3677B and SE-2 MS3651B, from which</p> <p>A pine, 12 ins. diam., bears S.70°E., 23.8 ft. dist., mkd. WC S3-3 3677B BT.</p> <p>A pine, 10 ins. diam., bears S.56°W., 3.8 ft. dist., mkd. WC S19-1 3677B BT.</p>
315.	Road, 10 ft. wide, bears N.74°E., and S.74°W.
667.56	<p>Cor. No. 1, Sentinel millsite, on line 1 - 2, Sun Fraction millsite, both M. S. No. 3651B.</p> <p>Set an aluminum pipe, 24 ins. long, 1 in. diam., 20 ins. in north bank of the dump, with 3 1/4 in. aluminum cap mkd. SE-1 MS3651B, from which the orig. bearing trees</p> <p>A pine, 10 ins. diam., bears N.21°45'W., 20.6 ft. dist., mkd. S-1 3651B BT.</p> <p>A pine, 10 ins. diam., bears N.13°51'E., 34.7 ft. dist., mkd. S-1 3651B BT.</p>

## MINERAL SURVEY NO. 3677B

FEET	Cor. No. 1, M.S. No. 3651B, Sun Fraction millsite, bears South, 97.36 ft. dist. Set an aluminum pipe, 24 ins. long, 1 in. diam., flush with the ground, in center of haul road, 15 ft. wide, bears N.60°E. and S.60°W., with 3 1/4 in. aluminum cap mkd. SF-1 MS3651B.
737.05	Cor. No. 4.  Set an aluminum pipe, 24 ins. long, 1 in. diam., 22 ins. in north bank of dump, with 3 1/4 in. aluminum cap mkd. S3-4 MS3677B; no suitable bearing objects are available.  Thence South
83.07	Cor. No. 2, Jordan No. 3 millsite, on line 4 - 1, Sun Fraction millsite, both M. S. No. 3651B.  Set an aluminum pipe, 24 ins. long, 1 in. diam., flush with the ground, on dump shoulder, with 3 1/4 in. aluminum cap mkd. J3-2 MS3651B; no suitable bearing objects are available.  Cor. No. 1, M. S. No. 3651B, Sun Fraction millsite, bears West, 68.01 ft. dist.
301.95	Cor. No. 1, and place of beginning.
SBMS - 4 MILLSITE	
At Cor. No. 1, identical with Cor. No. 1, SBMS - 3 of this survey.	
Thence South	
30.	Haul road, 30 ft. wide, bears N.78°W. and S.78°E.
110.	Creek, 1.5 ft. wide, course East.
140.	Haul road, 20 ft. wide, bears N.73°W. and S.73°E.
197.09	Point for Cors. No. 1, Jordan No. 3 millsite and Sentinel Fraction millsite, both M. S. 3651B, not monumented.
301.95	Cor. No. 2, identical with Cor. No. 2, SBMS - 5 millsite of this survey.

## MINERAL SURVEY NO. 3677B

FEET	<p>Set an aluminum pipe, 24 ins. long, 1 in. diam, 19 ins. in the ground, in the bottom of a dry pit, with 3 1/4 in. aluminum cap mkd. S4-2 S5-2 MS3677B, from which</p> <p>A tuff boulder, 5x2.6x3.5 ft. high, bears N.8°W., 26.2 ft. dist., mkd. X BO.</p> <p>Thence N.78°08'W.</p>
180.	Main road, 25 ft. wide, bears N.7°E. and S.7°W.
375.	Ditch, 10 ft. wide, course S.43°E.
555.	Road, 10 ft. wide, bears S.84°W. and N.84°E.
737.05	<p>Cor. No. 3, identical with Cor. No. 1, SBMS - 5, Cor. No. 1, SBMS 20, and Cor. No. 1, SBMS 21, all of this survey.</p> <p>Set an aluminum pipe, 30 ins. long, 2 1/4 ins. diam., 25 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S4-3 S5-1 S20-1 S21-1 MS3677B, from which</p> <p>A fir, 6 ins. diam., bears S.45°W., 6.9 ft. dist., mkd. S21-1 3677B BT.</p> <p>A pine, 13 ins. diam., bears N.2°W., 12.5 ft. dist., mkd. S20-1 3677B BT.</p> <p>Thence North</p>
301.95	<p>Cor. No. 4, identical with Cor. No. 2, SBMS - 3, Cor. No. 2, SBMS 19, and Cor. No. 4, SBMS 20, all of this survey.</p> <p>Thence S78°08'E</p>
167.	Ditch, 10 ft. wide, course S.40°W.
192.	Main road, 25 ft. wide, bears N.40°E. and S.40°W.
482.	Haul road, 15 ft. wide, bears N.7°E., and S.7°W.
547.	Haul road, 10 ft. wide, bears N.60°W. and S.60°E.
737.05	Cor. No. 1, and place of beginning.

## MINERAL SURVEY NO. 3677B

FEET	
	SBMS - 5 MILLSITE
	At Cor. No. 1, identical with Cor. No. 3, SBMS - 4, Cor. No. 1, SBMS 20, and Cor. No. 1, SBMS - 21, all of this survey, from which
	U.S.M.M. No. 3, Yankee Fork Mining District, bears N.41°54'55"E., 9955.02 ft. dist., previously described.
	Thence S. 78°08'E
182.	Road, 10 ft. wide, bears S.84°W. and N.84°E.
362.	Ditch, 10 ft. wide, course S.43°E.
557.	Main road, 25 ft. wide, bears N.7°E. and S.7°W.
737.05	Cor. No. 2, identical with Cor. No. 2, SBMS - 4 of this survey.
	Thence South
75.	Haul road, 12 ft. wide, bears N.77°E. and S.77°W.
120.	North edge, dry settling pond, bears N.75°E. and S.75° W.
210.	South edge, dry settling pond, bears N.75°E. and S.75° W.
221.95	Point for Witness Cor. to Cor. No. 3, identical with Witness Cor. to Cor. No. 3, SBMS - 6 millsite, of this survey.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, flush with the ground, in center of dike, 12 ft. wide, bears N.68°E. and S.68°W., with 3 1/4 in. aluminum cap mkd. WC S5-3 S6-3 MS3677B; no suitable bearing objects are available.
222.95	Point for Witness Cor. to Cor. No. 3, SBMS - 8 millsite, of this survey, and Cor. No. 4, Sentinel Fraction millsite, M. S. No. 3651B.
282.	North edge, settling pond, bears N.75°E. and S.75° W.
301.95	Cor. No. 3, identical with Cor. No. 3, SBMS - 6 millsite of this survey, falls in settling pond, where a permanent monument cannot be established.
	Thence N.78°08'W.
40.	North edge, settling pond, bears N.75°E. and S.75° W.
190.	Main road, 50 ft. wide, bears N.35°E. and S.35°W.



## MINERAL SURVEY NO. 3677B

FEET	
300.75	Cor. No. 2, SBMS - 6, identical with Cor. No. 4, SBMS 15 of this survey.
737.05	Cor. No. 4, identical with Cor. No. 3, SBMS 15, Cor. No. 2, SBMS 21, and Cor. No. 3, SBMS 22, all of this survey.  Set an aluminum pipe, 1 in. diam., 24 ins. long, flush with the ground, with 3 1/4 in. aluminum cap mkd. S5-4 S15-3 S21-2 S22-3 MS3677B, from which  A pine, 12 ins. diam., bears N.38 1/2°E., 10.4 ft. dist., mkd. S5-4 3677B BT.  A pine, 14 ins. diam., bears S.4°E., 11.1 ft. dist., mkd. S15-3 3677B BT.  Thence North
170.	Dry wash, 12 ft. wide, course S.72°E.
250.	Road, 10 ft. wide, bears East and West.
301.95	Cor. No. 1, and the place of beginning.
<hr/>	
SBMS - 6 MILLSITE	
	At Cor. No. 1, identical with Cor. No. 1, SBMS - 7 millsite of this survey.  Set an aluminum pipe, 1 in. diam., 24 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S6-1 S7-1 MS3677B, from which  U.S.M.M. No. 3, Yankee Fork Mining District, bears N.36°04'59"E., 10566.60 ft. dist., previously described.  A pine, 12 ins. diam., bears N.83 1/2°E., 21.1 ft. dist., mkd. S6-1 3677B BT.  A pine, 8 ins. diam., bears S.11°E., 24.9 ft. dist., mkd. S7-1 3677B BT.  Thence North
200.	Road, 10 ft. wide, bears N.44°W. and S.44°E.
229.90	Cor. No. 1, SBMS 15 identical with Cor. No. 1, SBMS 16 of this survey.

## MINERAL SURVEY NO. 3677B

FEET	
740.00	<p>Cor. No. 2, identical with Cor. No. 4, SBMS 15 of this survey, falls on a boulder in place, 10x10 ins.x 1 ft. above ground, in dry wash, drains S.53°E.</p> <p>Drilled hole in boulder, 3/8x2 1/2 ins., to mark point, from which</p> <p>A tuff boulder, 6x2.5x3 ft.5 ft. x 3 ft. high, bears N.19°W., 11.9 ft. dist., mkd. X BO.</p> <p>A tuff boulder, 2.4x2x2.5 ft. high, bears S.60°W., 10.0 ft. dist., mkd. X BO.</p> <p>Thence S.78°08'E</p>
111.	Main road, 50 ft. wide, bears N.35°E. and S.35°W.
261.	North edge, settling pond, bears N.75°E. and S.75° W.
300.75	<p>Cor. No. 3, identical with Cor. No. 3, SBMS 5 of this survey, falls in settling pond, where a permanent monument cannot be established, from which</p> <p>Witness Cor. to Cor. No. 3, SBMS 6 millsite, identical with Witness Cor., Cor. No. 3, SBMS 5, millsite, bears North, 80.00 ft. dist.</p> <p>Thence South</p>
9.18	Cor. No. 3, SBMS - 8 this survey, identical with Cor. No. 4, M. S. No. 3651B, Sentinel Fraction millsite.
60.	South edge of settling pond, bears N.67°E. and S.67°W.
100.	Haul road, 25 ft. wide, bears N.85°E. and S.85°W.
340.	Haul road, 60 ft. wide, bears N.82°E. and S.82°W.
425.16	Cor. No. 2, SBMS - 8 millsite, identical with Cor. No. 4, SBMS - 9 millsite of this survey.
460.	Haul road, 15 ft. wide, bears N.15°W. and S.15°E.
740.00	<p>Cor. No. 4, identical with Cor. No. 2, SBMS - 7 millsite of this survey.</p> <p>Set an aluminum pipe, 1 in. diam., 24 ins. long, flush with the ground, with 3 1/4 in. aluminum cap mkd. S6-4 S7-2 MS3677B, from which</p> <p>A pine, 6 ins. diam., bears N.8 1/2°W., 12.0 ft. dist., mkd. S6-4 3677B BT.</p>

## MINERAL SURVEY NO. 3677B

FEET	
	A pine, 6 ins. diam., bears S.45 1/2°W., 17.0 ft. dist., mkd. S7-2 3677B BT.
	Thence N78°08'W
25.	Creek, 2 ft. wide, course S.2°E.
95.	Road, 10 ft. wide, bears N.2°W. and S.2°E.
200.	Main road, 20 ft. wide, bears N.25°W. and S.25°E.
300.75	Cor. No. 1, and place of beginning.
SBMS - 7 MILLSITE	
	At Cor. No. 1, identical with Cor. No. 1, SBMS - 6 millsite of this survey.
	Thence S.78°08'E
101.	Main road, 20 ft. wide, bears N.25°W. and S.25°E.
206.	Road, 10 ft. wide, bears N.2°W. and S.2°E.
276.	Creek, 2 ft. wide, course S.2°E.
300.75	Cor. No. 2, identical with Cor. No. 4, SBMS - 6 millsite of this survey.
	Thence South
94.64	Witness Cor. No. 1, SBMS - 10 millsite of this survey.
101.14	Cor. No. 1, SBMS - 10 millsite of this survey.
160.	Creek, 2 ft. wide, course S.34°E.
517.12	Cor. No. 3, identical with Cor. No. 4, SBMS - 10 millsite of this survey.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S7-3 S10-4 MS3677B, from which
	A pine, 6 ins. diam., bears N.60°W., 25.6 ft. dist., mkd. S10-4 3677B BT.
	A pine, 8 ins. diam., bears N.70 1/2°W., 25.9 ft. dist., mkd. S7-3 3677B BT.

## MINERAL SURVEY NO. 3677B

FEET	
	Thence N.78°08'W.
30.	Main Road, 20 ft. wide, bears North and South.
221.	Creek, .5 ft. wide, course S.62°E.
300.75	Cor. No. 4.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S7-4 MS3677B, from which
	A pine, 6 ins. diam., bears N.39°E., 5.0 ft. dist., mkd. S7-4 3677B BT.
	A pine, 5 ins. diam., bears N.72 1/2°E., 23.5 ft. dist., mkd. S7-4 3677B BT.
	Thence North
236.92	Cor. No. 2, SBMS 16 of this survey.
517.12	Cor. No. 1, and place of beginning.
SBMS - 8 MILLSITE	
	At Cor. No. 1, identical with Cor. No. 1, SBMS - 9 millsite of this survey.
	Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S8-1 S9-1 MS3677B, from which
	U.S.M.M. No. 3, Yankee Fork Mining District, bears N.33°07'01"E., 9893.68 ft. dist., previously described.
	A pine, 12 ins. diam., bears North, 8.0 ft. dist., mkd. S8-1 3677B BT.
	A pine, 16 ins. diam., bears N.59°W., 26.2 ft. dist., mkd. S8-1 3677B BT.
	Thence West
240.	Pinyon Creek, 2.5 ft. wide, course S.6°E.
305.	East edge, settling pond, bears N.33°W. and S.33°E.
440.	West edge, settling pond, bears N.60°E. and S.60°W.

## MINERAL SURVEY NO. 3677B

FEET	
523.58	<p>Cor. No. 2, identical with Cor. No. 4, SBMS - 9 millsite of this survey.</p> <p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S8-2 S9-4 MS3677B, from which</p> <p>A pine, 8 ins. diam., bears S.4°E., 66.8 ft. dist., mkd. S9-4 3677B BT.</p> <p>A pine, 4 ins. diam., bears S.9°E., 86.0 ft. dist., mkd. S9-4 3677B BT.</p> <p>Thence North</p>
85.	Haul road, 60 ft. wide, bears N.82°E. and S.82°W.
325.	Haul road, 25 ft. wide, bears N.85°E. and S.85°W.
365.	South edge of settling pond, bears N.67°E. and S.67°W.
415.98	<p>Cor. No. 3, identical with Cor. No. 4, M. S. No. 3651B, Sentinel Fraction millsite, falls in settling pond where a permanent monument cannot be established, from which</p> <p>Point for Witness Cor. No. 3, bears North, 88.18 ft. dist. Set an aluminum pipe, 1 in. diam., 24 ins. long, flush with the ground, in center of dike, with 3 1/4 in. aluminum cap mkd. WC S8-3 MS3677B SF-4 MS3651B.</p> <p>Witness Cor. No. 3, SBMS - 5, bears North, 89.18 ft. dist.</p> <p>Thence East</p>
90.	East edge settling pond, bears N.25°E. and S.25°W.
250.	Pinyon Creek, 2.5 ft. wide, course S.6°E.
523.58	<p>Cor. No. 4, identical with Cor. No. 3, M. S. No. 3651B, Sentinel Fraction millsite, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add marks S8-4 MS3677B to brass cap, from which the remains of the orig. bearing trees</p> <p>A pine snag, 6 ins. diam., bears N.2°38'W., 61.9 ft. dist., mkd. SF-3 3651B BT.</p> <p>A pine, 6 ins. diam., bears N.65°34'W., 44.8 ft. dist., mkd. SF-3 3651B BT.</p> <p>and a new bearing tree</p>

## MINERAL SURVEY NO. 3677B

FEET	<p>A fir, 8 ins. diam., bears S.88 1/2°W., 35.5 ft. dist., mkd. S8-4 3677B BT.</p> <p>Thence South</p>
314.00	Cor. No. 4, SBMS 14 millsite of this survey.
415.98	Cor. No. 1, and place of beginning.
<hr/>	
	SBMS - 9 MILLSITE
	At Cor. No. 1, identical with Cor. No. 1, SBMS - 8 millsite of this survey.
	Thence South
387.78	Intersect line 2 - 3, M. S. No. 3644, Hope Placer, at a point from which Cor. No. 2 bears S.43°18'W., 143.32 ft. dist.
401.	Pinyon Creek, 2.5 ft. wide, course S.52°E.
415.98	Cor. No. 2, identical with Cor. No. 2, SBMS - 10 millsite of this survey.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S9-2 S10-2 MS3677B, from which
	A pine, 6 ins. diam., bears N.29°W., 8.7 ft. dist., mkd. S9-2 3677B BT.
	A pine, 8 ins. diam., bears West, 20.5 ft. dist., mkd. S9-2 3677B BT.
	Thence West
26.57	Intersect line 2 - 3, M. S. No. 3644, Hope Placer, at a point from which Cor. No. 2 bears S.43°18'W., 104.57 ft. dist.
220.	Haul road, 30 ft. wide, bears N.58°E. and S.58°W.
460.	Haul road, 30 ft. wide, bears N.10°W. and S.10°E.
523.58	Cor. No. 3, identical with Cor. No. 1, SBMS - 10 millsite of this survey, falls in rock outcrop, where a permanent monument cannot be established.
	Thence North
6.50	Point for Witness Cor. to Cor. No. 3, identical with Witness Cor. to Cor. No. 1, SBMS - 10 millsite of this survey.

## MINERAL SURVEY NO. 3677 B

FEET	<p>Set an aluminum pipe, 1 in. diam., 24 ins. long, flush with the ground, with 3 1/4 in. aluminum cap mkd. WC S9-3 S10-1 MS3677B, from which</p> <p>A pine, 6 ins. diam., bears N.70 1/2°E., 15.8 ft. dist., mkd. WC S9-3 3677B BT.</p> <p>A pine, 8 ins. diam., bears S.66°E., 18.2 ft. dist., mkd. WC S10-1 3677B BT.</p>
101.14	Cor. No. 4, SBMS - 6 millsite, identical with Cor. No. 2, SBMS - 7 millsite of this survey.
381.	Haul road, 15 ft. wide, bears N.15°W. and S.15°E.
415.98	Cor. No. 4, identical with Cor. No. 2, SBMS - 8 millsite of this survey.
	Thence East
84.	West edge, settling pond, bears N.60°E. and S.60°W.
219.	East edge, settling pond, bears N.33°W. and S.33°E.
284.	Pinyon Creek, 2.5 ft. wide, course S.6°E.
523.58	Cor. No. 1, and place of beginning.
	<p style="text-align: center;">SBMS - 10 MILLSITE</p> <p>At Cor. No. 1, identical with Cor. No. 3, SBMS - 9 millsite of this survey, from which</p> <p>U.S.M.M. No. 3, Yankee Fork Mining District, bears N.34°15'59"E., 10530.26 ft. dist., previously described.</p> <p>Witness Cor. to Cor. No. 1, SBMS - 10 identical with Witness Cor. to Cor. No. 3, SBMS - 9 millsite, bears North, 6.5 ft. dist.</p> <p style="text-align: center;">Thence East</p>
64.	Haul road, 30 ft. wide, bears N.10°W. and S.10°E.
304.	Haul road, 30 ft. wide, bears N.58°E. and S.58°W.
497.01	Intersect line 2 - 3, M. S. No. 3644, Hope Placer, at a point from which Cor. No. 2 bears S.43°18'W., 104.57 ft. dist.

## MINERAL SURVEY NO. 3677B

FEET	
523.58	Cor. No. 2, identical with Cor. No. 2, SBMS - 9 millsite of this survey.
	Thence South
80.	Jordan Creek bridge, 15 ft. wide; Jordan Creek Road bears N.38°E. and S.38°W.
	Jordan Creek, 15 ft. wide, course S.75°W.
149.54	Intersect line 1 - 4, Marilyn Placer, identical with line 1 - 2, Hope Placer, both M. S. No. 3644, at a point from which Cor. No. 4, Marilyn Placer, buried in fill, one bearing tree remains, bears N.53°13'34"W., 222.28 ft. dist., and Cor. No. 2, Hope Placer, bears N.53°13'34"W., 122.70 ft. dist.
260.	Jordan Creek Road, 15 ft. wide, bears N.49°E., and S.49°W.
415.98	Cor. No. 3
	Set an aluminum pipe, 2 1/4 ins. diam., 30 ins. long, 25 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S10-3 MS3677B, from which
	A fir, 4 ins. diam., bears N.77°W., 26.5 ft. dist., mkd. S10-3 3677B BT.
	A pine, 4 ins. diam., bears N.12 1/2°W., 25.9 ft. dist., mkd. S10-3 3677B BT.
	Thence West
170.	Jordan Creek Road, 15 ft. wide, bears N.46°E. and S.46°W.
245.	Jordan Creek, 16 ft. wide, course S.44°W.
385.	Creek, 2 ft. wide, course S.17°E.
445.61	Intersect line 3 - 4, M. S. No. 3644, Marilyn Placer, at a point from which Cor. No. 4, Marilyn Placer bears N.33°48'45"E., 480.82 ft. dist.
523.58	Cor. No. 4, identical with Cor. No. 3, SBMS - 7 millsite of this survey.
	Thence North
357.	Creek, 2 ft. wide, course S.34°E.
415.98	Cor. No. 1, and place of beginning.



## MINERAL SURVEY NO. 3677B

FEET	
	SBMS 11 MILLSITE
	At Cor. No. 1, identical with Cor. No. 1, SBMS 12 millsite of this survey, Cor. No. 2, Jordan millsite, and Cor. No. 4, Mountain King millsite, both M. S. No. 3651B, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add marks S11-1 S12-1 MS3677B to brass cap, from which
	U.S.M.M. No. 3, Yankee Fork Mining District, bears N.39°05'50"E., 8202.15 ft. dist., previously described.
	and the orig. bearing trees
	A pine, 10 ins. diam., bears N.17°13'E., 12.7 ft. dist., mkd. MK-4 3651B BT.
	A pine, 6 ins. diam., bears N.60°49'W., 11.4 ft. dist., mkd. J-2 3651B BT.
	and a new bearing tree
	A pine, 6 ins. diam. bears S.39°E., 13.8 ft. dist., mkd. S12-1 3677B BT.
	Thence N.32°22'57"E.
433.56	Cor. No. 3, Mountain King millsite, identical with Cor. No. 4, Matilda millsite, both M. S. No. 3651B, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record.
621.09	Cor. No. 2, identical with Cor. No. 4, SBMS - 1 millsite of this survey.
	Thence N.87°00'E
274.	Road, 10 ft. wide, bears N.6°E. and S.6°W.
393.69	Cor. No. 3, identical with Cor. No. 3, SBMS - 1 millsite of this survey.
	Thence S.32°22'57"W.
645.49	Cor. No. 4, identical with Cor. No. 2, SBMS 12 of this survey.
	Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S11-4 S12-2 MS3677B, from which
	A pine, 10 ins. diam., bears N.57°W., 8.9 ft. dist., mkd. S11-4 3677B BT.

## MINERAL SURVEY NO. 3677B

FEET	<p>A pine, 8 ins. diam., bears S.57°W., 13.6 ft. dist., mkd. S12-2 3677B BT.</p> <p>Thence West</p>
380.08	<p>Cor. No. 1, and place of beginning.</p> <hr/> <p>SBMS 12 MILLSITE</p> <p>At Cor. No. 1, identical with Cor. No. 1, SBMS 11 millsite of this survey, and Cor. No. 2, Jordan millsite, and Cor. No. 4, Mountain King millsite, both M. S. No. 3651B.</p> <p>Thence East</p>
380.08	<p>Cor. No. 2, identical with Cor. No. 4, SBMS 11 millsite of this survey.</p> <p>Thence S.32°22'57"W.</p>
434.66	<p>Cor. No. 3.</p> <p>Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 23 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S12-3 MS3677B, from which</p> <p>A fir, 12 ins. diam., bears N.23°E., 24.2 ft. dist., mkd. S12-3 3677B BT.</p> <p>A fir, 8 ins. diam., bears N.49 1/2°W., 15.6 ft. dist., mkd. S12-3 3677B BT.</p> <p>Thence West</p>
80.08	<p>Cor. No. 3, SBMS 13 millsite of this survey.</p>
380.08	<p>Cor. No. 4, identical with Cor. No. 2, SBMS 13 millsite of this survey, and Cor. No. 3, Sun Fraction millsite, and Cor. No. 3, Jordan millsite, both M. S. No. 3651B, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add marks S12-4 and S13-2 MS3677B to the brass cap, from which the orig. bearing trees</p> <p>A pine, 8 ins. diam., bears S.64°01'W., 13.9 ft. dist., mkd. SUF-3 3651B BT.</p> <p>A pine, 12 ins. diam., bears N..21°34'W., 10.3 ft. dist., mkd. JO-3 3651B BT.</p>

## MINERAL SURVEY NO. 3677B

FEET	and a new bearing tree  A pine, 6 ins. diam., bears S.17°E., 13.0 ft. dist., mkd. S13-2 3677B BT.  Thence N.32°22'57"E.
434.66	Cor. No. 1, and place of beginning. <hr/> SBMS 13 MILLSITE  At Cor. No. 1, identical with Cor. No. 1, SBMS 14 millsite of this survey.  Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S13-1 S14-1 MS3677B, from which  U.S.M.M. No. 3, Yankee Fork Mining District, bears N.35°55'54"E., 9211.31 ft. dist., previously described.  A fir, 10 ins. diam., bears S.70°W., 43.4 ft. dist., mkd. SF-2 3651B BT.  A pine, 12 ins. diam., bears N.21°W., 29.8 ft. dist., mkd. J3-4 3651B BT.  A fir, 24 ins. diam., bears N.68°E., 9.1 ft. dist. mkd. S13-1 3677B BT.  Thence North
4.02	Cor. No. 4 Jordan No. 3 millsite, identical with Cor. No. 2, Sentinel Fraction millsite, both M. S. No. 3651B, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record.
419.99	Cor. No. 4, Sun Fraction millsite, identical with Cor. No. 3, Jordan No. 3 millsite, both M. S. No. 3651B, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record.
726.00	Cor. No. 2, identical with Cor. No. 4, SBMS 12 millsite of this survey, and Cor. No. 3, Sun Fraction millsite, and Cor. No. 3, Jordan millsite, both M. S. No. 3651B.  Thence East
300.00	Cor. No. 3.

## MINERAL SURVEY NO. 3677B

FEET	<p>Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S13-3 MS3677B, from which</p> <p>A pine, 4 ins. diam., bears S.32°W., 24.4 ft. dist., mkd. S13-3 3677B BT.</p> <p>A pine, 10 ins. diam., bears S.57°W., 10.1 ft. dist., mkd. S13-3 3677B BT.</p> <p>Thence South</p>
726.00	<p>Cor. No. 4, identical with Cor. No. 2, SBMS 14 millsite of this survey.</p> <p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S13-4 S14-2 MS3677B, from which</p> <p>A fir, 10 ins. diam., bears N.89°W., 24.1 ft. dist., mkd. S13-4 3677B BT.</p> <p>No other suitable bearing objects available.</p> <p>Thence West</p>
300.00	<p>Cor. No. 1, and place of beginning.</p> <hr/> <p>SBMS 14 MILLSITE</p> <p>At Cor. No. 1, identical with Cor. No. 1, SBMS 13 millsite of this survey.</p> <p>Thence East</p>
300.00	<p>Cor. No. 2, identical with Cor. No. 4, SBMS 13 millsite of this survey.</p> <p>Thence South</p>
726.00	<p>Cor. No. 3.</p> <p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 19 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S14-3 MS3677B, from which</p> <p>A fir, 16 ins. diam., bears N.30°W., 59.7 ft. dist., mkd. S14-3 3677B BT.</p> <p>No other suitable bearing objects available.</p>

## MINERAL SURVEY NO. 3677B

FEET	Thence West
300.00	Cor. No. 4.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S14-4 MS3677B, from which
	A pine, 30 ins. diam., bears N.48°E., 45.9 ft. dist., mkd. S14-4 3677B BT.
	Cor. No. 1, SBMS - 8 millsite of this survey, bears South, 101.98 ft. dist.
	Thence North
314.00	Cor. No. 4, SBMS - 8 millsite of this survey, identical with Cor. No. 3, M. S. No. 3651B, Sentinel Fraction millsite, set and mkd. as described in the official record.
726.00	Cor. No. 1, and place of beginning.
	SBMS 15 MILLSITE
	At Cor. No. 1, identical with Cor. No. 1, SBMS 16 millsite of this survey.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S15-1 S16-1 MS3677A, from which
	U.S.M.M. No. 3, Yankee Fork Mining District, bears N.36°49'50"E., 10381.68 ft. dist., previously described.
	A pine, 16 ins. diam., bears N.25 1/2°W., 21.2 ft. dist., mkd. S15-1 3677B BT.
	A pine, 12 ins. diam., bears N.86 1/2°W., 21.2 ft. dist., mkd. S16-1 3677B BT.
	Thence N.78°08'W.
40.	Road, 10 ft. wide, bears N.26°W. and S.26°E.
436.30	Cor. No. 2, identical with Cor. No. 4, SBMS 16 millsite of this survey.
	Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S15-2 S16-4 MS3677B, from which

## MINERAL SURVEY NO. 3677B

FEET	
	A fir, 10 ins. diam., bears N.52°E., 18.8 ft. dist., mkd. S15-2 3677B BT.
	A pine, 10 ins. diam., bears S.53 1/2°E., 15.5 ft. dist., mkd. S16-4 3677B BT.
	Thence North
208.15	Cor. No. 4, SBMS 22 millsite, identical with Cor. No. 2, SBMS 23 millsite of this survey.
510.10	Cor. No. 3, identical with Cor. No. 4, SBMS - 5 millsite, Cor. No. 2, SBMS 21 millsite, and Cor. No. 3, SBMS 22 millsite, all of this survey.
	Thence S.78°08'E.
436.30	Cor. No. 4, identical with Cor. No. 2, SBMS - 6 millsite of this survey, located in center of dry wash, 12 ft. wide, drains S.53°E.
	Thence South
510.10	Cor. No. 1, and place of beginning.
<hr/>	
	SBMS 16 MILLSITE
	At Cor. No. 1, identical with Cor. No. 1, SBMS 15 millsite of this survey.
	Thence South
229.90	Cor. No. 1, SBMS - 6, identical with Cor. No. 1, SBMS - 7 millsite of this survey.
510.10	Cor. No. 2.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S16-2 MS3677B, from which
	A pine, 10 ins. diam., bears N.8 1/2°W., 36.9 ft. dist., mkd. S16-2 3677B BT.
	A pine, 12 ins. diam., bears N.64°W., 14.2 ft. dist., mkd. S16-2 3677B BT.
	Thence N.78°08'W.
436.30	Cor. No. 3.

## MINERAL SURVEY NO. 3677B

FEET	<p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S16-3 MS3677B, from which</p> <p>A pine, 10 ins. diam., bears N.54°E., 43.5 ft. dist., mkd. S16-3 3677B BT.</p> <p>A pine, 6 ins. diam., bears N.73°E., 31.9 ft. dist., mkd. S16-3 3677B BT.</p> <p>Thence North</p> <p>416.30 Cor. No. 3, SBMS 23 millsite of this survey.</p> <p>510.10 Cor. No. 4, identical with Cor. No. 2, SBMS 15 millsite of this survey.</p> <p>Thence S.78°08'E.</p> <p>396. Road, 10 ft. wide, bears N.26°W. and S.26°E.</p> <p>436.30 Cor. No. 1, and place of beginning.</p> <hr/> <p>SBMS 17 MILLSITE</p> <p>At Cor. No. 1, identical with Cor. No. 3, M. S. No. 3651B, Day millsite, falls in road, 10 ft. wide, bears N.2°E. and S.2°W., where a permanent monument cannot be established, from which</p> <p>U.S.M.M. No. 3, Yankee Fork Mining District, bears N.46°06'58"E., 9315.32 ft. dist., previously described.</p> <p>Point for Witness Cor. to Cor. No.1, bears S.78°08'E., 10.28 ft. dist.</p> <p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. WC S17-1 MS3677B D-3 MS3651B, from which</p> <p>A pine, 10 ins. diam., bears N.20°E., 32.5 ft. dist., mkd. WC D-3 3651B BT.</p> <p>A pine, 10 ins. diam., bears S.79 1/2°E., 9.8 ft. dist., mkd. WC D-3 3651B BT.</p> <p>Thence N.78°08'W.</p> <p>267.72 Cor. No. 2.</p>
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## MINERAL SURVEY NO. 3677B

FEET	
	<p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S17-2 MS3677B, from which</p> <p>A pine, 5 ins. diam., bears S.88°E., 12.3 ft. dist., mkd. S17-2 3677B BT.</p> <p>A pine, 6 ins. diam., bears N.52°E., 14.4 ft. dist., mkd. S17-2 3677B BT.</p> <p>Thence N.32°26'54"E.</p>
380.	Road, 10 ft. wide, bears N.14°W. and S.14°E.
790.	Creek, 1 ft. wide, course S.58°E.
869.01	Cor. No. 3.
	<p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S17-3 MS3677B, from which</p> <p>A pine, 4 ins. diam., bears S.50°E., 18.6 ft. dist., mkd. S17-3 3677B BT.</p> <p>A pine, 6 ins. diam., bears S.27 1/2°W., 15.8 ft. dist., mkd. S17-3 3677B BT.</p> <p>Thence S.78°06'51"E.</p>
267.62	<p>Cor. No. 4, identical with Cor. No. 4, SBMS 25 millsite of this survey, and Cor. No. 4, M. S. No. 3651B, Day millsite, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add marks S17-4 and S25-4 MS3677B to brass cap, from which the orig. bearing trees</p> <p>A fir, 8 ins. diam., bears S.49°33'E., 7.2 ft. dist., mkd. D-4 3651B BT.</p> <p>A pine, 8 ins. diam., bears S.3°52'W., 41.7 ft. dist., mkd. D-4 3651B BT.</p> <p>and a new bearing tree</p> <p>A pine, 5 ins. diam. bears S.75°W., 10.8 ft. dist., mkd. S17-4 3677B BT.</p> <p>Thence S.32°26'39"W.</p>



## MINERAL SURVEY NO. 3677B

FEET	
30.	Creek, 1 ft. wide, course S.70°E.
868.89	Cor. No. 1, and place of beginning.
<hr/>	
SBMS 18 MILLSITE	
At Cor. No. 1, identical with Cor. No. 3, SBMS - 3 millsite, Cor. No. 1, SBMS 19 millsite of this survey, and Cor. No. 2, M. S. No. 3651B, Sentinel millsite, from which	
U.S.M.M. No. 3, Yankee Fork Mining District, bears N.44°20'44"E., 9514.20 ft. dist., previously described.	
Thence N.78°08'W.	
285.	Road, 10 ft. wide, bears N.42°E., and S.42°W.
667.92	Cor. No. 2.
Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S18-2 MS3677B, from which	
Cor. No. 4, SBMS 19 millsite of this survey, bears N.78°08'W., 69.13 ft. dist.	
A pine, 13 ins. diam., bears N.60°E., 46.6 ft. dist., mkd. S18-2 3677B BT.	
A fir, 12 ins. diam., bears N.30°E., 29.2 ft. dist., mkd. S18-2 3677B BT.	
Thence North	
333.21	Cor. No. 3.
Set an aluminum pipe, 1 in. diam., 24 ins. long, 19 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S18-3 MS3677B, from which	
A pine, 8 ins. diam., bears S.43°E., 2.1 ft. dist., mkd. S18-3 3677B BT.	
A pine, 9 ins. diam., bears S.12 1/2°E., 24.5 ft. dist., mkd. S18-3 3677B BT.	

## MINERAL SURVEY NO. 3677B

FEET	
	Thence S.78°08'E.
220.	Road, 10 ft. wide, bears N.40°E. and S.40°W.
335.09	Cor. No. 2, SBMS 17 millsite of this survey.
602.81	Cor. No. 1, SBMS 17 millsite of this survey, and Cor. No. 3, M. S. No. 3651B, Day millsite, falls in road, 10 ft. wide, bears N.2°E. and S.2°W.
613.09	Point for Witness Cor. to Cor. No. 1, SBMS 17 millsite of this survey, and Witness Cor. to Cor. No. 3, M. S. 3651B, Day millsite.
667.92	Cor. No. 4, identical with Cor. No. 3, Sentinel millsite, M. S. No. 3651B, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add marks S18-4 MS3677B to brass cap, from which the orig. bearing trees <p>A fir, 12 ins. diam., bears S.51°01'E., 18.1 ft. dist., mkd. S-3 3651B BT.</p> <p>A pine, 8 ins. diam., bears S.10°46'E., 41.5 ft. dist., mkd. S-3 3651B BT.</p> <p>and a new bearing tree</p> <p>A fir, 6 ins. diam., bears S.45°W., 14.3 ft. dist., mkd. S18-4 3677B BT.</p>
	Thence South
333.21	Cor. No. 1, and place of beginning.
	SBMS 19 MILLSITE
	At Cor. No. 1, identical with Cor. No. 1, SBMS 18 millsite, Cor. No. 3, SBMS - 3 millsite of this survey, and Cor. No. 2, M. S. No. 3651B, Sentinel millsite.
	Thence South
162.	Main road, 30 ft. wide, bears N.73°W. and S.73°E.
187.	Ditch, 10 ft. wide, course S.73°E.

## MINERAL SURVEY NO. 3677B

FEET	
301.95	Cor. No. 2, identical with Cor. No. 2, SBMS - 3 millsite, Cor. No. 4, SBMS - 4 millsite, and Cor. No. 4, SBMS 20 millsite, all of this survey.  Thence N.78°08'W.
270.	Road, 10 ft. wide, bears N.65°E. and S.65°W.
510.	Road, 10 ft. wide, bears N.40°E. and S.40°W.
737.05	Cor. No. 3, identical with Cor. No. 3, SBMS 20 millsite, and Cor. No. 4, SBMS 24 millsite, all of this survey.  Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 24 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S19-3 S20-3 S24-4 MS3677B, from which  A pine, 12 ins. diam., bears S.62°E., 9.9 ft. dist., mkd. S20-3 3677B BT.  A pine, 14 ins. diam., bears S.6°W., 11.2 ft. dist., mkd. S24-4 3677B BT.  Thence North
301.95	Cor. No. 4.  Set an aluminum pipe, 1 in. diam., 24 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S19-4 MS3677B, from which  A fir, 4 ins. diam., bears S.35°E., 16.3 ft. dist., mkd. S19-4 3677B BT.  A fir, 10 ins. diam., bears S.22 1/2°E., 10.8 ft. dist., mkd. S19-4 3677B BT.  Thence S.78°08'E.
69.13	Cor. No. 2, SBMS 18 millsite of this survey.
452.	Road, 10 ft. wide, bears N.42°E., and S.42°W.
737.05	Cor. No. 1, and place of beginning.

## MINERAL SURVEY NO. 3677B

FEET	
	SBMS 20 MILLSITE
	At Cor. No. 1, identical with Cor. No. 3, SBMS - 4 millsite, Cor. No. 1, SBMS - 5 millsite, and Cor. No. 1, SBMS 21 millsite, all of this survey.
	Thence N.78°08'W.
250.	Road, 10 ft. wide, bears N.37°W. and S.37°E.
350.	Creek, 1 ft. wide, course S.35°E.
737.05	Cor. No. 2, identical with Cor. No. 4, SBMS 21 millsite of this survey.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 19 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S20-2 S21-4 MS3677B, from which
	A fir, 6 ins. diam., bears S.56°E., 16.8 ft. dist., mkd. S21-4 3677B BT.
	A pine, 8 ins. diam., bears S.12°E., 16.7 ft. dist., mkd. S21-4 3677B BT.
	Thence North
40.	Creek, 1 ft. wide, course S.87°E.
301.95	Cor. No. 3, identical with Cor. No. 3, SBMS 19 millsite, and Cor. No. 4, SBMS 24 millsite, all of this survey.
	Thence S.78°08'E.
227.	Road, 10 ft. wide, bears N.40°E. and S.40°W.
467.	Road, 10 ft. wide, bears N.65°E. and S.65°W.
737.05	Cor. No. 4, identical with Cor. No. 2, SBMS - 3 millsite, Cor. No. 4, SBMS - 4 millsite, and Cor. No. 2, SBMS 19, all of this survey.
	Thence South
301.95	Cor. No. 1, and place of beginning.

## MINERAL SURVEY NO. 3677B

FEET	
	SBMS 21 MILLSITE
	At Cor. No. 1, identical with Cor. No. 3, SBMS - 4 millsite, Cor. No. 1, SBMS - 5 millsite, and Cor. No. 1, SBMS 20 millsite, all of this survey.
	Thence South
52.	Road, 10 ft. wide, bears East and West.
132.	Dry wash, 12 ft. wide, drains S.72°E.
301.95	Cor. No. 2, identical with Cor. No. 4, SBMS - 5 millsite, Cor. No. 3, SBMS 15 millsite, and Cor. No. 3, SBMS 22 millsite, all of this survey.
	Thence N.78°08'W.
737.05	Cor. No. 3, identical with Cor. No. 2, SBMS 22 millsite of this survey.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 19 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S21-3 S22-2 MS3677B, from which
	A pine, 8 ins. diam., bears N.17°E., 11.0 ft. dist., mkd. S21-3 3677B BT.
	A pine, 6 ins. diam., bears S.52 1/2°E., 13.6 ft. dist., mkd. S22-2 3677B BT.
	Thence North
301.95	Cor. No. 4, identical with Cor. No. 2, SBMS 20 millsite of this survey.
	Thence S.78°08'E.
387.	Creek, 1 ft. wide, course S.35°E.
487.	Road, 10 ft. wide, bears N.37°W. and S.37°E.
737.05	Cor. No. 1, and place of beginning.
	SBMS 22 MILLSITE
	At Cor. No. 1, identical with Cor. No. 1, SBMS 23 millsite, and Cor. No. 1, SBMS 24 millsite, all of this survey.

## MINERAL SURVEY NO. 3677B

FEET	<p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 18 ins. in the ground, with 3 1/4 in. aluminum pipe mkd. S22-1 S23-1 S24-1 MS3677B, from which</p> <p>U.S.M.M. No. 3, Yankee Fork Mining District, bears N.43°09'45"E., 10776.03 ft. dist., previously described.</p> <p>A pine, 8 ins. diam., bears N.11°W., 19.5 ft. dist., mkd. S24-1 3677B BT.</p> <p>A pine, 8 ins. diam., bears S.85 1/2°E., 11.9 ft. dist., mkd. S22-1 3677B BT.</p> <p>Thence North</p>
301.95	<p>Cor. No. 2, identical with Cor. No. 3, SBMS 21 of this survey.</p> <p>Thence S.78°08'E.</p>
737.05	<p>Cor. No. 3, identical with Cor. No. 4, SBMS - 5 millsite, Cor. No. 3, SBMS 15 millsite, and Cor. No. 2, SBMS 21 millsite, all of this survey.</p> <p>Thence South</p>
301.95	<p>Cor. No. 4, identical with Cor. No. 2, SBMS 23 millsite of this survey.</p> <p>Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 25 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S22-4 S23-2 MS3677B, from which</p> <p>A pine, 16 ins. diam., bears N.69°W., 17.6 ft. dist., mkd. S22-4 3677B BT.</p> <p>A pine, 14 ins. diam., bears S.34°W., 9.2 ft. dist., mkd. S23-2 3677B BT.</p> <p>Thence N.78°08'W.</p>
737.05	<p>Cor. No. 1, and place of beginning.</p> <hr/> <p>SBMS 23 MILLSITE</p> <p>At Cor. No. 1, identical with Cor. No. 1, SBMS 22 millsite, and Cor. No. 1, SBMS 24 millsite of this survey.</p> <p>Thence S78°08'E.</p>

## MINERAL SURVEY NO. 3677 B

FEET	
737.05	Cor. No. 2, identical with Cor. No. 4, SBMS 22 millsite of this survey.  Thence South
208.15	Cor. No. 2, SBMS 15 millsite, and Cor. No. 4, SBMS 16 millsite of this survey.
301.95	Cor. No. 3.  Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 25 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S23-3 MS3677B, from which  A pine, 6 ins. diam., bears N.26°W., 20.8 ft. dist., mkd. S23-3 3677B BT.  A pine, 8 ins. diam., bears N.44°W., 24.1 ft. dist., mkd. S23-3 3677B BT.  Thence N.78°08'W.
737.05	Cor. No. 4.  Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S23-4 MS3677B, from which  A pine, 12 ins. diam., bears N.67°E., 18.0 ft. dist., mkd. S23-4 3677B BT.  A fir, 5 ins. diam., bears S.77°E., 16.0 ft. dist., mkd. S23-4 3677B BT.  Thence North
301.95	Cor. No. 1, and place of beginning.  <hr/> SBMS 24 MILLSITE  At Cor. No. 1, identical with Cor. No. 1, SBMS 22 millsite, and Cor. No. 1, SBMS 23 millsite of this survey.  Thence N.78°08'W.
245.69	Cor. No. 2.  Set an aluminum pipe, 1 in. diam., 24 ins. long, 19 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S24-2 MS3677B, from which

## MINERAL SURVEY NO. 3677 B

FEET	
	A pine, 8 ins. diam., bears N.85°E., 11.2 ft. dist., mkd. S24-2 3677B BT.
	A pine, 8 ins. diam., bears N.15°E., 44.4 ft. dist., mkd. S24-2 3677B BT.
	Thence North
630.	Creek, 1 ft. wide, course S.13°E.
905.85	Cor. No. 3.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 19 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S24-3 MS3677B, from which
	A pine, 6 ins. diam., bears S.78°E., 22.2 ft. dist., mkd. S24-3 3677B BT.
	A fir, 16 ins. diam., bears S.10°E., 47.5 ft. dist., mkd. S24-3 3677B BT.
	Thence S.78°08'E.
245.69	Cor. No. 4, identical with Cor. No. 3, SBMS 19 millsite, and Cor. No. 3, SBMS 20 millsite of this survey.
	Thence South
262.	Creek, 1 ft. wide, course S.87°E.
301.95	Cor. No. 2, SBMS 20 millsite, and Cor. No. 4, SBMS 21 millsite of this survey.
603.90	Cor. No. 3, SBMS 21 millsite, and Cor. No. 2, SBMS 22 millsite of this survey.
905.85	Cor. No. 1, and place of beginning.
SBMS 25 MILLSITE	
	At Cor. No. 1, on line 3 - 4, M. S. No. 3651B, North Sunbeam millsite.
	Set an aluminum pipe, 1 in. diam., 24 ins. long, 19 ins. in the ground, with 3 1/4 aluminum cap mkd. S25-1 MS3677B, from which
	U.S.M.M. No. 3, Yankee Fork Mining District, bears N.47°31'41"E., 7668.69 ft. dist., previously described.



## MINERAL SURVEY NO. 3677B

FEET	<p>A pine, 10 ins. diam., bears S.80 1/2°W., 17.5 ft. dist., mkd. S25-1 3677B BT.</p> <p>Thence S.3°22'39"W.</p>
222.23	<p>Cor. No. 2, identical with Cor. No. 3, North Sunbeam millsite, and Cor. No. 3, Ridge millsite, both M. S. No. 3651B, monumented with an iron post, 1 in. diam., set and mkd. as described in the official record. Add marks S25-2 MS3677B to brass cap, from which the orig. bearing trees</p> <p>A pine, 6 ins. diam., bears N.6216°E., 13.9 ft. dist., mkd. NS-3 3651B BT.</p> <p>A pine, 10 ins. diam., bears S.48°56'E., 10.6 ft. dist., mkd. R-3 3651B BT.</p> <p>and a new bearing tree</p> <p>A pine, 14 ins. diam., bears S.67°W., 14.8 ft. dist., mkd. S25-2 3677B BT.</p> <p>Thence S. 32°12'13"W.</p>
55.	Dry wash, 10 ft. wide, drains S.45°E.
465.01	<p>Cor. No. 3, identical with Cor. No. 2, Ridge millsite, and on line 3 - 4, Sun millsite, both M. S. No. 3651B.</p> <p>Set an aluminum pipe, 1 in. diam., 24 ins. long, flush with the ground, with 3 1/4 in. aluminum cap mkd. S25-3 MS3677B R-2 MS3651B, from which</p> <p>A pine, 6 ins. diam., bears N.66 1/2°E., 17.9 ft. dist., mkd. R-2 3651B BT.</p> <p>A pine, 10 ins. diam., bears N.28°E., 34.5 ft. dist., mkd. S25-3 3677B BT.</p> <p>Thence N.78°08'59"W.</p>
18.	Main road, 30 ft. wide, bears N.15°E., S.15°W., and creek, 1 ft. wide, course S.55°E.
70.00	Cor. No. 3, Sun millsite, identical with Cor. No. 1, Day millsite, both M. S. No. 3651B.
280.	Creek, 1 ft. wide, course N.80°E.

## MINERAL SURVEY NO. 3677B

FEET	
337.64	Cor. No. 4, identical with Cor. No. 4, SBMS 17 millsite of this survey, and Cor. No. 4, M. S. No. 3651B, Day millsite.  Thence N.32°23'21"E.
430.	Dry wash, 5 ft. wide, drains S.70°E.
658.73	Cor. No. 5, on line 3 - 4, Gold Dust #1 lode, Mineral Survey No. 3677A.  Set an aluminum pipe, 1 in. diam., 24 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S25-5 MS3677B, from which  A pine, 10 ins. diam., bears S.57°E., 15.03 ft. dist., mkd. S25-5 3677B BT.  A pine, 6 ins. diam., bears S.14°W., 17.0 ft. dist., mkd. S25-5 3677B BT.  Thence S.87°32'03"E.
179.	Main road, 30' wide, bears N.21°E. and S.21°W.
238.72	Cor. No. 1, and place of beginning. <hr/>
	SBMS 26 MILLSITE  At Cor. No. 1, identical with Cor. No. 1, M. S. No. 3651B, Jordan Quartz No. 3 lode.  Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 20 ins. in east-facing road fill, with a 3 1/4 in. aluminum cap mkd. S26-1 MS3677B J3-1 MS3651A, from which  U.S.M.M. No. 3, Yankee Fork Mining District, bears N.51°56'56"E., 6490.65 ft. dist., previously described.  A fir, 6 ins. diam., bears S.57°E., 7.6 ft. dist., mkd. S26-1 3677B BT.  A fir, 10 ins. diam., bears S.10°W., 30.8 ft. dist., mkd. J3-1 3651A BT.  Thence S.87°34'E.
347.	Road, 25 ft. wide, bears N.22°W. and S.22°E.
351.98	Cor. No. 2.

## MINERAL SURVEY NO. 3677B

FEET	
	<p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S26-2 MS3677B, from which</p> <p>A fir, 38 ins. diam., bears S.50°W., 117.3 ft. dist., mkd. S26-2 3677B BT.</p> <p>A fir, 24 ins. diam., bears S.79°W., 93.4 ft. dist., mkd. S26-2 3677B BT.</p> <p>Thence S.3°26'W.</p>
12.	Road, 25 ft. wide, bears N.22°W. and S.22°E.
368.63	Intersect line 2 - 3, SBMS - 2 millsite of this survey.
618.88	<p>Cor. No. 3.</p> <p>Set an aluminum pipe, 2 1/4 in. diam., 30 ins. long, 20 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S26-3 MS3677B, from which</p> <p>A pine, 8 ins. diam., bears N.8°W., 17.0 ft. dist., mkd. S26-3 3677B BT.</p> <p>A pine, 6 ins. diam., bears N.49°W., 4.8 ft. dist., mkd. S26-3 3677B BT.</p> <p>Thence N.87°32'59"W.</p>
100.85	Intersect line 1 - 2, SBMS - 2 millsite of this survey, identical with line 3 - 4, M. S. No. 3651B, Squaw Hitch millsite, at a point from which Cor. No. 3 bears N.23°25'53"W., 323.50 ft. dist.
330.93	Cor. No. 4, Gold Dust millsite, on line 1 - 2, Squaw Hitch millsite, both M. S. No. 3651B, at a point from which Cor. No. 2, Squaw Hitch millsite bears N.3°21'54"E., 304.86 ft. dist., both set and mkd. as described in the official record.
351.98	<p>Cor. No. 4.</p> <p>Set an aluminum pipe, 1 in. diam., 24 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S26-4 MS3677B, from which</p> <p>A pine, 6 ins. diam., bears N.80 1/2°W., 15.9 ft. dist., mkd. S26-4 3677B BT.</p> <p>Thence N.3°26'E.</p>

## MINERAL SURVEY NO. 3677B

FEET	
18.78	Cor. No. 2, Gold Dust #1 lode of this survey, identical with Cor. No. 2, M. S. No. 3651A, Jordan Quartz No. 3 lode.
618.78	Cor. No. 1, and place of beginning.
<hr/>	
MINERAL SURVEY NO. 3677 A & B	
<hr/>	
<u>AREAS</u>	<u>ACRES</u>
Total Area, Gold Dust #1 Lode	19.998
Area in conflict with -----	
SBMS 26 Millsite	.00002
M.S. No. 3651B, Gold Dust Millsite	4.796
M.S. No. 3651B, North Sunbeam Millsite	1.959
Total Area, SBMS - 1 Millsite	4.291
Total Area, SBMS - 2 Millsie	4.846
Area in conflict with -----	
SBMS 26 Millsite	1.047
Total Area, SBMS - 3 Millsite	5.000
Area in conflict with -----	
M.S. No. 3651B Sun Fraction Millsite	.141
Total Area, SBMS - 4 Millsite	5.000
Total Area, SBMS - 5 Millsite	5.000
Total Area, SBMS - 6 Millsite	5.000
Total Area, SBMS - 7 Millsite	3.494
Total Area, SBMS - 8 Millsite	5.000
Total Area, SBMS - 9 Millsite	5.000
Area in conflict with -----	
M.S. No. 3644 Hope Placer	.009
Total Area, SBMS - 10 Millsite	5.000
Area in conflict with -----	
M.S. No. 3644 Hope Placer	.192
M.S. No. 3644 Marilyn Placer	2.588
Total Area, SBMS 11 Millsite	4.667
Total Area, SBMS 12 Millsite	3.203
Total Area, SBMS 13 Millsite	5.000
Total Area, SBMS 14 Millsite	5.000
Total Area, SBMS 15 Millsite	5.000
Total Area, SBMS 16 Millsite	5.000
Total Area, SBMS 17 Millsite	4.999
Total Area, SBMS 18 Millsite	5.000
Total Area, SBMS 19 Millsite	5.000
Total Area, SBMS 20 Millsite	5.000
Total Area, SBMS 21 Millsite	5.000

11-2007-0001

ORIGINAL

COPY 235877

Volume M-167, page 45A

41A  
Mineral Survey No. 3677 A & B

FEET

\*\*This page corrects and supercedes the original page No. 41, of M.S. No. 3677 A & B (identical with Volume M-167, page 45).

Total Area, SBMS 22 Millsite	5.000
Total Area, SBMS 23 Millsite	5.000
Total Area, SBMS 24 Millsite	5.000
Total Area, SBMS 25 Millsite	4.678
Total Area, SBMS 26 Millsite	5.000
Area in conflict with -----	
Gold Dust #1 Lode	.00002
SBMS - 2 Millsite	1.047
M.S. 3651B Squaw Hitch Millsite	1.063
M.S. 3651A Jordan No. 2 Lode	0.025

## LOCATION

This survey is located in approximate Sections 20, 29, and 30, T. 13 N., R. 15 E., Boise Meridian, (Unsurveyed), Yankee Fork Mining District, Custer County, Idaho.

The survey of the lode and millsites is identical with their respective location, or amended location, as marked on the ground.

## EXPENDITURES

The improvements and the value of the labor and improvements made upon or for the benefit of the lode, and millsite locations embraced in said mining claim by the claimant or its grantors are as follows:

- No. 1 The discovery point of the Gold Dust #1 lode, churn drill hole No. 84-63, the collar of which bears S.57°45'42"E., 320 ft. from Cor. No. 1, Gold Dust #1 lode, incline -90°, runs 200 ft. dist.  
Value: \$ 1500.00
- No. 2 Churn drill hole No. 84-62, the collar of which bears S.87°43'05"E., 364 ft. from Cor. No. 1, Gold Dust #1 lode, incline -90°, runs 235 ft. dist.  
Value: \$ 1760.00
- No. 3 Churn drill hole No. 84-64, the collar of which bears S.37°23'23"E., 327 ft. from Cor. No. 1, Gold Dust #1 lode, incline -90°, runs 195 ft. dist.  
Value: \$ 1460.00
- No. 4 Churn drill hole No. 91-56, the collar of which bears S.14°08'23"E., 129 ft. from Cor. No. 1, Gold Dust #1 lode, incline -45°, runs S.50°E., 140 ft. dist.  
Value: \$ 1000.00
- No. 5 Churn drill hole No. 91-56A, the collar of which bears S.12°23'25"E., 121 ft. from Cor. No. 1, Gold Dust #1 lode, incline -60°, runs S.50°E., 525 ft. dist.  
Value: \$ 3940.00

Officially Approved by:   
Chief Cadastral Surveyor for Idaho

Date: 5/15/02

PATENT NO. 11-2007-0001

Hecla 104(e) Supp. Response (08/11/11)  
000814

## MINERAL SURVEY NO. 3677 A &amp; B

FEET	
	Total Area, SBMS 22 Millsite 5.000
	Total Area, SBMS 23 Millsite 5.000
	Total Area, SBMS 24 Millsite 5.000
	Total Area, SBMS 25 Millsite 4.678
	Total Area, SBMS 26 Millsite 5.000
	Area in conflict with -----
	Gold Dust #1 Lode .00002
	SBMS - 2 Millsite 1.047
	M.S. 3651B Squaw Hitch Millsite 1.063
	<b>LOCATION</b>
	This survey is located in approximate Sections 20, 29, and 30, T.13N., R.15 E., Boise Meridian, (Unsurveyed), Yankee Fork Mining District, Custer County, Idaho.
	The survey of the lode and millsites is identical with their respective location, or amended location, as marked on the ground.
	<b>EXPENDITURES</b>
	The improvements and the value of the labor and improvements made upon or for the benefit of the lode, and millsite locations embraced in said mining claim by the claimant or its grantors are as follows:
No.1	The discovery point of the Gold Dust #1 lode, churn drill hole No. 84-63, the collar of which bears S.57°45'42"E., 320 ft. from Cor. No. 1, Gold Dust #1 lode, incline -90°, runs 200 ft. dist. Value: \$ 1500.00
No.2	Churn drill hole No. 84-62, the collar of which bears S.87°43'05"E., 364 ft. from Cor. No. 1, Gold Dust #1 lode, incline -90°, runs 235 ft. dist. Value: \$ 1760.00
No.3	Churn drill hole No. 84-64, the collar of which bears S.37°23'23"E., 327 ft. from Cor. No. 1, Gold Dust #1 lode, incline -90°, runs 195 ft. dist. Value: \$ 1460.00
No.4	Churn drill hole No. 91-56, the collar of which bears S.14°08'23"E., 129 ft. from Cor. No. 1, Gold Dust #1 lode, incline -45°, runs S.50°E., 140 ft. dist. Value: \$ 1000.00
No.5	Churn drill hole No. 91-56A, the collar of which bears S.12°23'25"E., 121 ft. from Cor. No. 1, Gold Dust #1 lode, incline -60°, runs S.50°E., 525 ft. dist. Value: \$ 3940.00

## MINERAL SURVEY NO. 3677 A &amp; B

FEET	
No.6	<p>Churn drill hole No. 91-57, the collar of which bears S.6°06'45"E., 463 ft. from Cor. No. 1, Gold Dust #1 lode, incline -55°, runs S.63°E., 400 ft. dist. Value: \$ 3000.00</p>
No.7	<p>Churn drill hole No. 91-59, the collar of which bears S.58°08'25"E., 323 ft. from Cor. No. 1, Gold Dust #1 lode, incline -70°, runs S.50°E., 400 ft. dist. Value: \$ 3000.00</p>
No.8	<p>Churn drill hole No. 91-60, the collar of which bears S.87°34'03"E., 365 ft. from Cor. No. 1, Gold Dust #1 lode, incline -55°, runs S.50°E., 400 ft. dist. Value: \$ 3000.00</p>
	<p>Five hundred dollars or over has been expended in these improvements in such a manner as tends to the development of the lode, subsequent to its location and to the time since which common ownership has prevailed.</p> <p>No portion of or interest in these improvements has been credited heretofore as patent expenditure to any lode claim.</p>
No.1	<p>An interest in the common improvements described as follows:</p> <p>A series of 6 settling ponds. Pond 1 constructed in the East ends of SBMS - 4, SBMS - 5 millsites, surface area of 1600 sq. ft. Pond 2 constructed in the East end of SBMS - 5 millsite, surface area of 5000 sq. ft. Pond 3, constructed in the Southeast corner, SBMS - 5, Northeast corner SBMS - 6, and Northwest corner SBMS - 8 millsites, surface area of 7000 sq. ft. Pond 4 constructed in the West center of SBMS - 8 millsite, surface area of 12,000 sq. ft. Pond 5 constructed in the Southwest of SBMS - 8, and the Northwest of SBMS - 9 millsites, surface area of 22,000 sq. ft. Pond 6 constructed in the Southwest of SBMS - 9 millsite, surface area of 36,000 sq. ft. Ponds 4, 5, and 6, are lined and interconnected with culverts and lined spillways. Pond 6, has a concrete spillway structure, with weir, 16 ft. wide by 32 feet long by 4 ft. high, at the point where it empties into Pinyon Creek.</p> <p>No.2 A settling pond, constructed in north end of SBMS 17 millsite, surface area of 2000 sq. ft., earth dam 58 ft. by 10 ft. by 6 ft. high.</p> <p>No.3 A diversion ditch 10 ft. wide by 4 ft. deep, begins in SBMS 19 millsite, S.24°W. 150 ft. from Cor. No. 1, SBMS 19, and courses through SBMS - 3, SBMS - 4, and SBMS - 5 millsites. In SBMS - 4, four 4 ft. by 30 ft. culverts placed under existing road to accommodate the ditch.</p> <p>Value of ponds, diversion ditch and culverts. \$402,000. Value of liner work on Ponds 4, 5, and 6. \$250,000. Value of spillway construction. \$ 10,000.</p>

## MINERAL SURVEY NO. 3677 A &amp; B

FEET No.4	<p>Water monitor wells. Well No. 1 bears S.78°03'32"E., 164.61 ft. dist. from Cor. No. 1, SBMS - 10 millsite. Well No. 2 bears N.9°43'10"W., 182.36 ft. dist. from Cor. No. 3, SBMS 25 millsite.</p> <p>Value of monitor wells. \$ 20,000.</p> <p>These improvements have been built for the development of the Millsite Site Plan, and tend toward the development of each millsite of this survey; therefore an undivided 1/26 interest in their value is hereby credited to each of said millsites.</p> <p>No portion of or interest in these improvements has been credited heretofore as patent expenditure to any millsite claim.</p> <p>Current site development plans call for most of the area covered by the millsites included in this survey, coupled with the millsites from M.S. 3651B, to be used as a tailings impoundment area. These tailings will be constrained by two dams. The first on the south, with approx. dimensions of 250 ft. tall by 1350 ft. long by 250 ft. wide at the top, and 1100 ft. wide at the base, trending S.75°W. from line 3-4, M.S. No. 3651B, Jordan No. 3 millsite, across Sentinel Fraction millsite of the same survey, and SBMS-4, SBMS-5, SBMS 21, SBMS 22, and SBMS 15 millsites, all of this survey. The second dam will be on the northeast, with approximate dimensions of 100 ft. tall by 1350 ft. long by 250 ft. wide at the top, and 750 ft. wide at the base, trending N.12°W. from line 3-4, SBMS-1 of this survey, across SBMS-2, SBMS 26 millsites of this survey, and Matilda, Exchequer, North Sunbeam, Gold Dust, and Squaw Hitch millsites, all of M.S. 3651B. Various buildings designed for use as processing facilities are planned for areas of the millsites not used for tailings impoundment.</p> <p style="text-align: center;">OTHER IMPROVEMENTS</p> <p>Numerous roads, and their contingent culverts, and sediment screening control devices, have been built, and are being maintained, throughout this survey.</p> <p style="text-align: center;">MINERAL SURVEY NO. 3677 A &amp; B</p> <p style="text-align: center;">OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p> <p>M.S. 3651 A &amp; B Cor. No. 1, Jordan Quartz No. 3 lode; Cor. No. 4, North Sunbeam millsite; Cor. No. 2, Ridge millsite; Cor. No. 3, Day millsite; Cor. Nos. 1 and 2, Sentinel millsite; Cor. No. 1. Sun Fraction millsite; Cor. No. 4, Jordan No. 3 millsite; and Cor. No. 4, Sentinel Fraction millsite, were all destroyed by construction, and were all reset at record bearing and distance from the nearest remaining accessory or corner of the survey, with the permission of the owner.</p>
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## MINERAL SURVEY NO. 3677 A &amp; B

FEET	
	Cor. No. 1, Jordan No. 3 millsite, identical with Cor. No. 1, Sentinel Fraction millsite, has been destroyed by construction. Its position was established at record bearing and distance from the nearest remaining corner of the survey, but it was not remonumented.
	Jordan Quartz No. 3 lode, line 2 - 3 was found to be N.87°32'03"W., 1499.78 ft., instead of N.87°34'W., 1500.00 ft.
	Gold Dust millsite, line 1 - 2 was found to be N.78°11'56"W., 549.43 ft., instead of N.78°08'W., 550.36 ft. Line 3 - 4 was found to be S.87°32'59"E., 544.18 ft. instead of S.87°34'E., 544.50 ft.
	North Sunbeam millsite, line 3 - 4 was found to be N.3°22'39"E., 440.16 ft. instead of N. 3°26'E., 440.35 ft.
	Ridge millsite, line 2 - 3 was found to be N.32°12'13"E., 465.01 ft. instead of N.32°23'E., 465.09 ft.
	Day millsite, line 3 - 4 was found to be N.32°26'39"E., 868.89 ft. instead of N.32°23'E., 869.32 ft. Line 4 - 1 was found to be S.78°08'59"E., 267.64 ft. instead of S.78°08'E., 267.50 ft.
	Squaw Hitch millsite, line 1 - 2 was found to be N.3°29'24"E., 444.48 ft., plus N.3°21'54"E., 304.86 ft. instead of N.3°26'E., 445.10 ft. plus N.3°26'E., 304.90 ft. Line 2 - 3 was found to be S.78°14'15"E., 85.12 ft. instead of S.78°08'E., 84.54 ft. Line 3 - 4 was found to be S.23°25'53"E., 908.83 ft. instead of S.23°27'E., 909.07 ft.
	Exchequer millsite, line 2 - 3 was found to be S.3°25'14"W., 440.53 ft. instead of S.3°26'E., 440.35 ft.
	Matilda millsite, line 3 - 4 was found to be S.32°22'57"W., 466.00 ft. instead of S.32°23'W., 465.09 ft.
	Mountain King millsite, line 3 - 4 was found to be S. 32°22'57"W., 433.56 ft. instead of S.32°23'W., 434.66 ft.
	The remainder of M.S. 3651 A & B is approximately correct, as approved.
	M.S. 3644.
	Hope Placer, line 1 - 2 was found to be N.53°13'34"W., 355.08 ft. instead of N.53°10'E., 354.90 ft. Line 2 - 3 was found to be N.43°18'E., 1167.93 ft. instead of N.43°23'E., 1167.41 ft.

## MINERAL SURVEY NO. 3677 A &amp; B

FEET	<p>Marilyn Placer, Cor. No. 4 position was established from remaining bearing tree, but not remonumented. Line 3 - 4 was found to be N.33°48'45"E., 798.68 ft. instead of N.33°55'E., 798.38 ft. and line 4 - 1 was found to be S.53°13'34"E., 454.66 ft. instead of S.33°55'E., 454.48 ft.</p> <p style="text-align: center;">FIELD ASSISTANTS</p> <table><thead><tr><th><u>NAME</u></th><th><u>CAPACITY</u></th></tr></thead><tbody><tr><td>Ralph Miller</td><td>Party Chief</td></tr><tr><td>Andrew McCoy</td><td>Head Chain</td></tr><tr><td>Bryan McCarty</td><td>Rodman</td></tr><tr><td>Calon Russell</td><td>Rodman</td></tr></tbody></table>	<u>NAME</u>	<u>CAPACITY</u>	Ralph Miller	Party Chief	Andrew McCoy	Head Chain	Bryan McCarty	Rodman	Calon Russell	Rodman
<u>NAME</u>	<u>CAPACITY</u>										
Ralph Miller	Party Chief										
Andrew McCoy	Head Chain										
Bryan McCarty	Rodman										
Calon Russell	Rodman										

Form 3860-7  
(August 1967)  
(formerly 4-686)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

235877

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CERTIFICATE OF APPROVAL

Office:  
Bureau of Land Management  
Location:  
Boise, Idaho  
Date:  
March 4, 1992

The foregoing field notes of mineral survey number 3677 A & B, in unsurveyed sections 20, 29 and 30, Township 13 North, Range 15 East, Boise Meridian, in the State of Idaho, executed by John E. Russell, Mineral Surveyor, under order dated July 24, 1991 and amended November 25, 1991, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

  
(Authorized Signature)

Chief, Branch of Cadastral Survey  
(Title)

11-2007-0001

PATENT NO. \_\_\_\_\_

235877

Form 3860-11  
(March 1991)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CERTIFICATE OF EXPENDITURES, IMPROVEMENTS, AND MINERAL SURVEY

Serial Number

Date

March 4, 1992

Name of Claimant

HECLA MINING COMPANY

Mineral Survey Number

3677 A&B

I HEREBY CERTIFY That the record of the above-described mineral survey furnishes such an accurate description of all claims embraced within the survey that it will, if incorporated into a patent, serve fully to identify the premises and that references are made in the survey to natural objects or permanent monuments so that the location of the claims will be perpetuated and fixed.

I FURTHER CERTIFY That the record reveals 1) not less than \$500 worth of labor has been expended for improvements upon and for the benefit of each of the lode claims embraced within the survey; and 2) that the improvements were made by the claimant or his grantors.

Date

March 4, 1992

Authorized Signature

(See reverse)

INSTRUCTIONS

1. Title 43 Code of Federal Regulations 3861.2-2 requires that this *Certificate* be filed with the manager of the proper BLM office by an applicant for patent at time of filing the application or at any time within the sixty (60) days of publication.
2. If the record shows that the expenditures for improvements equal or exceed \$500 at the time of survey then this form should be attached by the cadastral engineer (Chief, Cadastral Surveyor) to the claimant's copy of the field notes.
3. If the record shows that the expenditures for improvements do not equal or exceed \$500 at the time of survey then it is the responsibility of the applicant to have this form executed by the Chief Cadastral Surveyor and filed with the manager of the proper BLM office during the 60-day publication period.

11-2007-0001

PATENT NO. \_\_\_\_\_

Hecla 104(e) Supp. Response (08/11/11)  
000821

# **236269**  
Custer County Reg. of  
HECLA MINING Company  
Time 10:08 A.M Date 3-16, 2007  
Barbara S. Breedlove, Clerk  
D. May Deputy \$ 144.00

***The United States of America***  
*To all to whom these presents shall come, Greeting:*

IDI-29460

WHEREAS

**Hecla Mining Company**  
a Delaware Corporation

did on February 10, 1993, duly enter and pay for certain lodes and mill sites or portions thereof, known as the Gold Dust #1, Grouse Creek #2, Grouse Creek #3, Grouse Creek #4, Grouse Creek #8 lode mining claims and SBMS-1, SBMS-2, SBMS-3, SBMS-4, SBMS-5, SBMS-6, SBMS-7, SBMS-8, SBMS-9, SBMS-10, SBMS 11, SBMS 12, SBMS 13, SBMS 14, SBMS 15, SBMS 16, SBMS 17, SBMS 18, SBMS 19, SBMS 20, SBMS 21, SBMS 22, SBMS 23, SBMS 24, SBMS 25, SBMS 26, SBMS 27, and SBMS 28 mill site claims and is entitled to a patent under the General Mining Laws, R.S. 2325, 30 U.S.C. 29 and R.S. 2337, 30 U.S.C. 42(a), designated and described as:

Mineral Survey No. 3685A & B and Mineral Survey No. 3677A & B, as supplemented, embracing portions of sections 19, 20, 29, and 30, T. 13 N.; R. 15 E., unsurveyed, Boise Meridian, situated in the Yankee Fork Mining District, Custer County, Idaho, the said claims being more particularly described in the official field notes and depicted on the official plats, which are expressly made a part of this patent and copies of which are attached hereto. Excepting and excluding from Gold Dust #1 lode mining claim, M.S. No. 3677A & B, as supplemented, 4.796 acres in conflict with Gold Dust Millsite, and 1.959 acres in conflict with North Sunbeam Millsite, M.S. No. 3651A & B; further excepting and excluding from Grouse Creek #2 lode mining claim, M.S. No. 3685A & B, 1.4556 acres in conflict with Mulcahy patented lode, Patent No. 884347 located in sec. 19, T. 13 N., R. 15 E., unsurveyed, Boise Meridian, Idaho; further excepting and excluding from SBMS-3 mill site claim, M.S. No. 3677A & B, as supplemented, 0.141 acre in conflict with Sun Fraction Millsite, M.S. No. 3651A & B; further excepting and excluding from SBMS 26 mill site claim, M.S. No. 3677A & B, as supplemented, 0.00002 acres in conflict with the Gold Dust #1 lode, 1.047 acres in conflict with SBMS-2, M.S. No. 3677A & B, as supplemented, 1.063 acres in conflict with Squaw Hitch Millsite, M.S. No. 3651A & B and 0.025 acres in conflict with Jordan No. 2 patented lode, Patent No. 11-87-0043 located in sec. 29, T. 13 N., R. 15 E., unsurveyed, Boise Meridian, Idaho; and further excepting and excluding from this patent the remainder of Mineral Survey No. 3685A & B and Mineral Survey No. 3677A & B, as supplemented, T. 13 N., R. 15 E., unsurveyed, Boise Meridian, Idaho.

The premises herein granted contains 224.26098 acres.

Patent Number 11-2007-0001

236269

IDI-29460  
Page 2

**NOW KNOW YE**, that there is, therefore, granted by the **UNITED STATES OF AMERICA** unto said Hecla Mining Company, a Delaware Corporation, the lands described above; **TO HAVE AND TO HOLD** the said lands with all the rights, privileges, immunities, and appurtenances of whatsoever nature thereunto belonging, unto the said claimant, its successors, and assigns, forever.

**EXCEPTING AND RESERVING TO THE UNITED STATES:**

1. A right-of-way thereon for ditches and canals constructed by the authority of the United States, Act of August 30, 1890 (43 U.S.C. 945).



IN TESTIMONY WHEREOF, the undersigned in accordance with the provisions of the Act of June 17, 1948 (62 Stat. 476), has, in the name of the United States, caused these letters to be made Patent, and the Seal of the Bureau to be hereunto affixed.

GIVEN under my hand, in THE CITY OF WASHINGTON, DISTRICT OF COLUMBIA the *twenty-first* day of *December* in the year of our Lord two thousand and *Six* and of the Independence of the United States the two hundred and *thirty-first*

By *Kevin R. Biss*  
Director  
*Kevin*

Patent Number 11-2007-0001



236269

ORIGINAL

105

## FIELD NOTES

Mineral Survey No.  
3685 A & BState  
IDAHOLand District  
Yankee Fork

Of the Survey of the Mining Claim of  
HECLA MINING COMPANY  
W. Critchfield Street  
P.O. Box 57  
Stanley, Idaho 83278

Known as the (name of group, if any)  
Grouse Creek Group

## NAME OF CLAIM(S)

NAME OF LOCATION	Located and Amended	Recorded with County	Recorded with BLM	BLM Mining Claim Serial Number
Golden Anchor Lode	03/06/41	03/06/41	09/20/79	20811
Amended	10/10/91	10/17/91	10/18/91	
Grouse Creek #1 Lode	10/08/65	11/04/65	11/17/79	31542
Amended	10/10/91	10/17/91	10/18/91	
Grouse Creek #2 Lode	10/08/65	11/04/65	10/17/79	31543
Amended	10/09/91	10/17/91	10/18/91	
Grouse Creek #3 Lode	10/08/65	11/04/65	10/17/79	31544
Amended	10/09/91	10/17/91	10/18/91	
Grouse Creek #4 Lode	10/08/65	11/04/65	10/17/79	31545
Amended	10/09/91	10/17/91	10/18/91	
Grouse Creek No. 5 Lode	09/10/65	11/04/65	10/17/79	31546
Amended	10/10/91	10/17/91	10/18/91	
Grouse Creek #8 Lode	07/17/66	07/22/66	10/17/79	31547
Amended	10/09/91	10/17/91	10/18/91	
Kelly No. 1 Lode	08/05/75	08/28/75	09/20/79	20827
Amended	10/09/91	10/17/91	10/18/91	
Kelly No. 2 Lode	08/05/75	08/28/75	09/20/79	20828
Amended	10/09/91	10/17/91	10/18/91	
Kelly No. 3 Lode	08/05/75	08/28/75	09/20/79	20829
Amended	10/09/91	10/17/91	10/18/91	
Soapstone Lode	08/17/75	08/19/75	10/17/79	31539
Amended	10/10/91	10/17/91	10/18/91	
Silver Pine #16 Lode	08/31/81	09/01/81	11/12/81	67477
Amended	10/09/91	10/17/91	10/18/91	

PATENT NO. 11-2007-0001

Hecla 104(e) Supp. Response (08/11/11)  
000824

Extension #1 Lode	09/07/83	09/21/83	09/29/83	88621
Amended	11/13/91	11/15/91	11/18/91	
Extension #2 Lode	09/07/83	09/21/83	09/29/83	88622
Amended	11/13/91	11/15/91	11/18/91	
GC - 9 Lode	06/17/86	07/02/86	07/03/86	109819
Amended	10/10/91	10/17/91	10/18/91	
SBMS 27 Millsite	10/11/91	10/17/91	10/18/91	166982
SBMS 28 Millsite	10/11/91	10/17/91	10/18/91	166983

## LOCATION OF CLAIM(S)

Mining District Yankee Fork			County Custer	
Section Approx. 19, 20, 29, 30	Township 13 North	Range 15 East (unsurveyed)	Meridian Boise	Survey under orders dated November 27, 1991
Survey commenced December 3, 1991	Survey completed December 13, 1991		Name of Mineral Surveyor John E. Russell	

11-2007-0001

PATENT NO.



## MINERAL SURVEY NO. 3685 A &amp; B

FEET

This survey was made with a Lietz TM-6 double centering theodolite No. 28546, both horizontal and vertical circles reading directly to 6 seconds of arc, with estimation to 3 seconds. The instrument was in good working order.

All azimuths in this record were determined by angles right from the true meridian, determined by the following observation:

December 10, 1991, at Corner No. 4 of the Golden Anchor lode, at latitude  $44^{\circ}26'06.43''$  N., and longitude  $114^{\circ}44'25.45''$  W., elevation 7897 feet above sea level, and temperature  $40^{\circ}$  F., make a series of six observations on the sun for azimuth, at approximately equal time intervals, three each with the telescope direct and inverted, observing the center of the sun with a solar reticle and filters and reading the horizontal angle from a reference point in a clockwise direction to the sun.

Mean time of observation, UTC = 18h 01m 20s

Mean observed horizontal angle =  $352^{\circ}22'42''$

GHA0 =  $181^{\circ}54'04.4''$  GHA24 =  $181^{\circ}47'17.1''$

Dec.0 =  $-22^{\circ}50'42.6''$  Dec.24 =  $-22^{\circ}56'13.1''$

Semi-diameter = 0

Variation in the six azimuths =  $0^{\circ}00'06''$

True azimuth to reference point =  $185^{\circ}28'04''$

The lines were measured with a Lietz Red 1-A EDM, No. 5123. This instrument was compared with the Idaho State Calibration course, at Gowen Field, Boise Idaho, and found to be correct.

All lines and connections of this survey were run by a combination of direct, traverse, and radial methods, with all angles and distances doubled, and meaned.

The magnetic declination observed at each corner of the survey gave the average value of  $16\frac{1}{2}^{\circ}$  E.

## MINERAL SURVEY NO. 3685 A

## GOLDEN ANCHOR LODGE

At Cor. No. 1, Golden Anchor lode, identical with Cor. No. 2, Extension #2 lode, on line 2-3, Soapstone lode, all of this survey, and Cor. No. 2, M.S. No. 3651A, Sentinel Fraction lode, monumented with an iron post, 1 in. diam., set 4 ins. above the ground, with a  $2\frac{3}{4}$  in. brass cap mkd. GA-1, SF-2 3651A. Add marks E2-2 3685A to brass cap, from which

236269

108

## MINERAL SURVEY NO. 3685 A

FEET	
	<p>U.S.M.M. No. 3, Yankee Fork Mining District, bears N.55°57'00"E., 9456.86 ft. dist., monumented with an aluminum pipe, 1 in. diam., set 8 ins. above the ground, with a 3 1/4 in. aluminum cap mkd. USMM 3 8/21/91 JER LS6021.</p> <p>and the orig. bearing trees</p> <p>A pine, 10 ins. diam., bears N.43°38'E., 12.7 ft. dist., mkd. SF-2 3651A BT, change to SF-2 3685A BT.</p> <p>A pine, 10 ins. diam., bears N.84°27'E., 35.1 ft. dist., mkd. SF-2 3651A BT, change to SF-2 3685A BT.</p> <p>Thence S.85°39'02"W.</p>
275.	Road, 20 ft. wide, bears N.36°W. and S.36°E.
382.74	Intersect line 1-2, Soapstone lode, of this survey.
599.93	<p>Cor. No. 2, monumented with an iron post, 1 in. diam., set 9 ins. above the ground, with a 2 3/4 in. brass cap mkd. GA-2. Add marks 3685A to brass cap, from which</p> <p>A pine, 5 ins. diam., bears S.86 1/2°E., 16.7 ft. dist., mkd. GA-2 3685A BT.</p> <p>A fir, 10 ins. diam., bears N.17 1/2°E., 18.9 ft. dist., mkd. GA-2 3685A BT.</p> <p>Thence N.3°07'16"E.</p>
886.81	Intersect line 3-4, Silver Pine #16 lode, of this survey.
1493.83	Intersect, line 1-2, Grouse Creek No. 5 lode, of this survey.
1500.00	<p>Cor. No. 3.</p> <p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, in slide rock, with 3 1/4 in. aluminum cap mkd. GA-3 MS3685A, from which</p> <p>The discovery, drill hole 84-6, bears S.37°11'45"E., 500 ft. dist.</p> <p>No suitable bearing objects are available.</p> <p>Thence N.85°39'02"E.</p>

11-2007-0001



## MINERAL SURVEY NO. 3685 A

FEET	
31.66	Intersect line 1-2, Silver Pine #16 lode, of this survey.
50.51	Intersect line 4-1, M.S. No. 3651A, Mountain King lode, from which Cor. No. 4 bears S.11°31'47"W., 11.73 ft. dist.
86.45	Intersect line 3-4, M.S. No. 3651A, Mountain King lode, from which Cor. No. 4 bears S.65°34'49"W., 40.74 ft. dist.
109.73	Intersect line 3-4, M.S. No. 3651A, Sunbeam Fraction lode, from which Cor. No. 3 bears S.22°49'21"E., 78.88 ft. dist.
251.37	Intersect line 4-1, Grouse Creek No. 5 lode, of this survey.
457.5	Intersect line 3-4, M.S. No. 3651A, Sentinel lode, from which Cor. No. 3 bears S.18°33'32"W., 215.17 ft. dist.
599.93	Cor. No. 4, monumented with an iron post, 1 in. diam., set 4 ins. above the ground, on north edge of drill road, 12 ft. wide, bears N.88°W. and S.88°E., with a 2 3/4 in. brass cap mkd. GA-4. Add marks 3685A to brass cap, from which  A pine, 12 ins. diam., bears S.64°W., 49.2 ft. dist., mkd. GA-4 3685A BT. No other suitable bearing objects available.  Thence S. 3°07'16"W.
1.41	Intersect line 2-3, M.S. No. 3651A, Sunbeam Fraction lode, from which Cor. No. 3 bears S.76°40'41"W., 470.78 ft. dist.
100.	Road, 12 ft. wide, bears S.43°W. and N.43°E.
200.28	Cor. No. 3, Sentinel Fraction lode, on line 2-3, Sentinel lode, both M.S. No. 3651A, monumented with an iron post, 1 in. diam., with 2 3/4 in. brass cap set and mkd. as described in the office record. Add marks MS3685A to brass cap, from which the orig. bearing trees  A pine, 6 ins. diam., bears S.76°33'E., 44.9 ft. dist., mkd. SF-3 3651A BT.  A pine, 10 ins. diam., bears S.28°26'E., 24.5 ft. dist., mkd. SF-3 3651A BT.  From this cor., Cor. No. 3, Sentinel lode, bears S.85°45'32"W., 200.09 ft. dist.
705.	Road, 15 ft. wide, bears S.58°W. and N.58°E.

## MINERAL SURVEY NO. 3685 A

FEET	
1500.00	Cor. No. 1, and place of beginning.
	<p style="text-align: center;">GROUSE CREEK #1 LODE</p> <p>At Cor. No. 1, on line 1-2, M.S. No. 2910, Mulcahy lode, point falls in center of main road, 18 ft. wide, bears N.48°E. and S.48°W., where a permanent monument cannot be established, from which</p> <p style="padding-left: 40px;">U.S.M.M. No. 3, Yankee Fork Mining District, bears N.81°37'24"E., 8679.32 ft. dist., previously described.</p> <p style="padding-left: 40px;">The discovery, drill hole 88-12, bears N.31°41'03"E., 325 ft. dist.</p> <p style="padding-left: 40px;">Thence N.10°37'45"W.</p>
30.00	Point for Witness Corner to Cor. No. 1.
	<p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with a 3 1/4 in. aluminum cap mkd. WC G1-1 MS3685A, from which</p> <p style="padding-left: 40px;">A fir, 6 ins. diam., bears N.72 1/2°E., 17.7 ft. dist., mkd. WC G1-1 3685A BT.</p>
70.	Main road, 18 ft. wide, bears S.87°W. and N.87°E.
180.	Road, 12 ft. wide, bears N.60°E. and S.60°W.
431.58	Cor. No. 2, M.S. No. 2910, Mulcahy lode, on line 4-1, Grouse Creek #8 lode, of this survey.
450.	Road, 12 ft. wide, bears N.87°W. and S.87°E.
620.	Grouse Creek, 1.5 ft. wide, course N.58°E.
650.00	Cor. No. 2.
	<p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 23 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G1-2 MS3685A, from which</p> <p style="padding-left: 40px;">A pine, 20 ins. diam., bears S.81°E., 13.3 ft. dist., mkd. G1-2 3685A BT.</p> <p style="padding-left: 40px;">Thence N.52°58'24"E.</p>
123.94	Intersect line 3-4, Grouse Creek #8 lode, of this survey.

## MINERAL SURVEY NO. 3685 A

FEET	
250.	Old road, 8 ft. wide, bears N.75°E. and S.75°W.
1500.00	Cor. No. 3.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G1-3 MS3685A, from which  A fir, 16 ins. diam., bears S.33°W., 15.6 ft. dist., mkd. G1-3 3685A BT.  A fir, 25 ins. diam., bears S.10 1/2°W., 42.3 ft. dist., mkd. G1-3 3685A BT.  Thence S.10°37'45"E.
280.	Old road, 8 ft. wide, bears N.58°E. and S.58°W.
465.	Grouse Creek, 1.5 ft. wide, course N.64°E.
653.55	Cor. No. 4, on line 2-3, M.S. No. 2168, Ridge lode, from which Cor. No. 2 bears N.53°07'23"E., 278.09 ft. dist.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 29 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G1-4 MS3685A, from which  A pine, 6 ins. diam., bears N.26°E., 25.5 ft. dist., mkd. G1-4 3685A BT.  A pine, 12 ins. diam., bears N.81 1/2°W., 5.4 ft. dist., mkd. G1-4 3685A BT.  Thence S.53°05'42"W.
330.	Road, 12 ft. wide, bears N.86°W. and S.86°E.
680.	Road, 12 ft. wide, bears N.77°W. and S.77°E.
1185.	Road, 12 ft. wide, bears N.80°E. and S.80°W.
1219.00	Intersect line 4-1, Grouse Creek #2 lode, of this survey, identical with line 3-4, M.S. No. 2168, Ridge lode, from which Cor. No. 3 bears N.36°50'44"W., 0.59 ft. dist.
1460.	Road, 12 ft. wide, bears N.89°W. and S.89°E.



## MINERAL SURVEY NO. 3685 A

FEET	
1498.42	Cor. No. 1, and the place of beginning.
	<p style="text-align: center;"><b>GROUSE CREEK #2 LODGE</b></p> <p>At Cor. No. 1, identical with Cor. No. 4 Ridge lode, on line 3-4, Squaw Hitch lode, both M.S. No. 2168, monumented with a rotted staub in center of rock mound.</p> <p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G2-1 MS3685A R-4 MS2168, from which</p> <p style="padding-left: 40px;">U.S.M.M. No. 3, Yankee Fork Mining District, bears N.78°58'57"E., 8166.12 ft. dist., previously described.</p> <p style="padding-left: 40px;">A pine, 8 ins. diam., bears S.58 1/2°W., 35.6 ft. dist., mkd. G2-1 3685A BT.</p> <p style="padding-left: 40px;">A pine, 8 ins. diam., bears N.60 1/2°W., 30.2 ft. dist., mkd. G2-1 3685A BT.</p> <p style="padding-left: 40px;">Cor. No. 4, M.S. No. 2168, Squaw Hitch lode, bears N.52°58'24"E., 194.56 ft. dist.</p> <p style="text-align: center;">Thence S.52°58'24"W.</p>
135.	Road, 12 ft. wide, bears North and South.
245.	Road, 12 ft. wide, bears N.4°E. and S.4°W.
280.	Road, 20 ft. wide, bears N.24°E. and S.24°W.
330.	Main road, 20 ft. wide, bears N.6°W. and S.6°E.
405.44	Cor. No. 2, Grouse Creek #3 lode, of this survey, identical with Cor. No. 3, M.S. No. 2168, Squaw Hitch lode.
430.	Road, 12 ft. wide, bears N.47°W. and S.47°E.
545.	Road, 12 ft. wide, bears N.10°W. and S.10°E.
595.	Road, 12 ft. wide, bears N.5°W. and S.5°E.
715.	Road, 12 ft. wide, bears N.28°W. and S.28°E.
860.	Road, 12 ft. wide, bears N.65°W. and S.65°E.

## MINERAL SURVEY NO. 3685 A

FEET	
1000.	Road, 12 ft. wide, bears West and East.
1295.	Road, 12 ft. wide, bears N.75°W. and S.75°E.
1390.	Road, 12 ft. wide, bears N.60°W. and S.60°E.
1470.	Road, 12 ft. wide, bears N.37°W. and S.37°E.
1500.00	<p>Cor. No. 2, identical with Cor. No. 1, GC-9 lode, on line 2-3, Grouse Creek #3 lode, all of this survey.</p> <p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 25 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G2-2 G9-1 MS3685A, from which</p> <p>A fir, 10 ins. diam., bears N.66°W., 7.6 ft. dist., mkd. G9-1 3685A BT.</p> <p>A fir, 12 ins. diam., bears N.23°W., 28.5 ft. dist., mkd. G2-2 3685A BT.</p> <p>The discovery, drill hole 87-111, bears N.21°52'01"E., 429 ft. dist.</p> <p>Thence N. 36°50'44"W.</p>
50.	Road, 12 ft. wide, bears N.77°W. and S.77°E.
150.	Road, 12 ft. wide, bears N.65°W. and S.65°E.
542.71	Intersect line 4-1, M.S. No. 2910, Mulcahy lode, from which Cor. No. 4 bears S.54°24'W., 134.77 ft. dist.
580.38	<p>Cor. No. 3, identical with Cor. No. 4, GC-9 lode, of this survey.</p> <p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G2-3 G9-4 MS3685A, from which</p> <p>A fir, 8 ins. diam., bears N.79 1/2°E., 12.8 ft. dist., mkd. G2-3 3685A BT.</p> <p>A fir, 6 ins. diam., bears S.82 1/2°E., 12.3 ft. dist., mkd. G2-3 3685A BT.</p> <p>Thence N.52°58'24"E.</p>
30.	Road, 12 ft. wide, bears N.51°W. and S.51°E.

## MINERAL SURVEY NO. 3685 A

FEET	
160.	Road, 12 ft. wide, bears N.55°W. and S.55°E.
285.	Road, 12 ft. wide, bears N.38°W. and S.38°E.
350.	Road, 12 ft. wide, bears N.65°W. and S.65°E.
460.	Road, 12 ft. wide, bears N.34°W. and S.34°E.
760.	Main road, 18 ft. wide, bears N.65°W. and S.65°E.
910.	Main road, 18 ft. wide, bears N.83°W. and S.83°E.
1120.	Main road, 18 ft. wide, bears N.18°E. and S.18°W.
1220.57	Cor. No. 1, Grouse Creek #1 lode, of this survey, on line 1-2, M.S. No. 2910, Mulcahy lode, from which Cor. No. 1 bears S.10°37'45"E., 74.99 ft. dist. Point falls in main road, 18 ft. wide, bears N.48°E. and S.48°W.
1259.	Road, 12 ft. wide, bears N.89°W. and S.89°E.
1500.00	Cor. No. 4, identical with Cor. No. 3, M.S. No. 2168, Ridge lode, monumented with a rotted post in rock mound, bearing trees down and rotted.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the mound, with 3 1/4 in. aluminum cap mkd. G2-4 MS3685A R-3 MS2168, from which  A pine, 12 ins. diam., bears S.2°W., 35.1 ft. dist., mkd. G2-4 3685A BT.  A pine, 10 ins. diam., bears S.45 1/2°W., 36.3 ft. dist., mkd. G2-4 3685A BT.  Thence S.36°50'44"E.
0.59	Intersect line 4-1, Grouse Creek #1 lode, of this survey.
220.	Road, 12 ft. wide, bears N.68°E. and S.68°W.
300.	Road, 12 ft. wide, bears N.57°E. and S.57°W.
580.38	Cor. No. 1, and place of beginning.



## MINERAL SURVEY NO. 3685 A

FEET	
	GROUSE CREEK #3 LODE
	At Cor. No. 1, identical with Cor. No. 1, Grouse Creek #4 lode of this survey; point falls in boulders where a permanent monument cannot be established, from which
	U.S.M.M. No. 3, Yankee Fork Mining District, bears N.73°55'16"E., 8343.14 ft. dist., previously described.
	Thence N.32°30'57"W.
52.93	Point for witness corner to Cor. No. 1.
	Set an aluminum rod, 3/4 in. diam., 30 ins. long, 24 ins. in the ground, with 3 1/4 in. aluminum cap mkd. WC GC3-1 GC4-1 MS3685A, from which
	A tuff boulder, 5 ft. by 3 ft. by 2.3 ft. high, bears S.50 1/2°W., 14.7 ft. dist., mkd. X BO.
	A tuff boulder, 3 ft. by 1 ft. by 1.5 ft. high, bears S.3 1/2°W., 8.7 ft. dist., mkd. X BO.
250.	Road, 12 ft. wide, bears N.10°E. and S.10°W.
535.	Main road, 15 ft. wide, bears N.24°E., and S.24°W.
600.00	Cor. No. 2, identical with Cor. No. 3, M.S. No. 2168, Squaw Hitch lode, located in east face of road fill, determined at record bearing and distance from an orig. bearing tree.
	Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. GC3-2 MS3685A SH-3 MS2168, from which
	A fir, 16 ins. diam., bears N.23°30'E., 14.5 ft. dist., mkd. X BT 3-2168.
	The discovery, drill hole 91-110, bears S.20°20'29"W., 356 ft. dist.
	Thence S.52°58'24"W.
24.6	Road, 12 ft. wide, bears N.47°W. and S.47°E.
139.6	Road, 12 ft. wide, bears N.10°W. and S.10°E.

## MINERAL SURVEY NO. 3685 A

FEET	
189.6	Road, 12 ft. wide, bears N.5°W. and S.5°E.
309.6	Road, 12 ft. wide, bears N.28°W. and S.28°E.
454.6	Road, 12 ft. wide, bears N.65°W. and S.65°E.
594.6	Road, 12 ft. wide, bears West and East.
889.6	Road, 12 ft. wide, bears N.75°W. and S.75°E.
984.6	Road, 12 ft. wide, bears N.60°W. and S.60°E.
1064.6	Road, 12 ft. wide, bears N.37°W. and S.37°E.
1094.57	Cor. No. 2, Grouse Creek #2 lode, identical with Cor. No. 1, GC-9 lode, both of this survey.
1203.64	Intersect line 2-3, GC-9 lode, common with line 1-2, Kelly No. 2 lode, both of this survey.
1275.21	Intersect line 2-3, Kelly No. 2 lode, of this survey.
1500.00	Cor. No. 3.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G-3 MS3685A, from which  A pine, 7 ins. diam., bears N.57 1/2°E., 22.6 ft. dist., mkd. G-3 3685A BT.  A pine, 16 ins. diam., bears S.73 1/2°E., 7.3 ft. dist., mkd. G-3 3685A BT.  Thence N.52°58'24"E.
600.00	Cor. No. 4, identical with Cor. No. 4, Grouse Creek #4 lode, of this survey.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 26 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G3-4 G4-4 MS3685A, from which  A pine, 14 ins. diam., bears N.16°E., 17.5 ft. dist., mkd. G3-4 3685A BT.  A pine, 12 ins. diam., bears N.79°E., 26.4 ft. dist., mkd. G4-4 3685A BT.

## MINERAL SURVEY NO. 3685 A

FEET	
	Thence N.52°58'24"E.
760.	Road, 12 ft. wide, bears N.76°W. and S.76°E.
1025.	Road, 12 ft. wide, bears N.53°W. and S.53°E.
1245.	Road, 12 ft. wide, bears N.55°W. and S.55°E.
1380.	Road, 12 ft. wide, bears N.60°W. and S.60°E.
1480.	Road, 12 ft. wide, bears N.56°W. and S.56°E.
1500.00	Cor. No. 1, and place of beginning.
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	GROUSE CREEK #4 LODE
	At Cor. No. 1, identical with Cor. No. 1, Grouse Creek #3 lode, of this survey, on line 2-3, M.S. No. 2168, Squaw Hitch lode, from which
	The discovery, drill hole 90-16, bears S.32°48'52"W., 341 ft. dist.
	Thence S.32°30'57"E.
25.	Road, 12 ft. wide, bears N.88°W. and S.88°E.
220.	Main road, 20 ft. wide, bears N.65°W. and S.65°E.
600.00	Cor. No. 2, on line 2-3, Grouse Creek No. 5 lode, of this survey. Point falls in main road, 15 ft. wide, bears N.7°W. and S.7°E., where a permanent monument cannot be established.
	Set a witness corner N.52°58'24"E., 25.00 ft. dist., monumented with an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. WC G4-2 MS3685A, from which
	A pine, 10 ins. diam., bears N.87 1/2°W., 17.9 ft. dist., mkd. WC G4-2 3685A BT.
	Thence S.52°58'24"W.
170.	Road, 12 ft. wide, bears N.14°W. and S.14°E.
245.	Road, 12 ft. wide, bears N.38°W. and S.38°E.
300.	Road, 12 ft. wide, bears N.65°W. and S.65°E.



## MINERAL SURVEY NO. 3685 A

FEET	
450.	Road, 12 ft. wide, bears S.78°W. and N.78°E.
1185.	Road, 12 ft. wide, bears N.61°W. and S.61°E.
1398.43	Cor. No. 2, Grouse Creek No. 5 lode, of this survey, falls in road, 12 ft. wide, bears N.17°E. and S.17°W.
1500.00	Cor. No. 3.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 22 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G4-3 MS3685A, from which  A pine, 10 ins. diam., bears N.4 1/2°W., 26.9 ft. dist., mkd. G4-3 3685A BT.  A pine, 8 ins. diam., bears N.36°E., 15.8 ft. dist., mkd. G4-3 3685A BT.  Thence N.32°30'57"W.
141.59	Intersect line 1-2, Silver Pine #16 lode, of this survey.
165.	Road, 12 ft. wide, bears N.21°E., and S.21°W.
600.00	Cor. No. 4, identical with Cor. No. 4, Grouse Creek #3 lode, of this survey.  Thence N.52°58'24"E.
760.	Road, 12 ft. wide, bears N.76°W. and S.76°E.
1025.	Road, 12 ft. wide, bears N.53°W. and S.53°E.
1245.	Road, 12 ft. wide, bears N.55°W. and S.55°E.
1380.	Road, 12 ft. wide, bears N.60°W. and S.60°E.
1480.	Road, 12 ft. wide, bears N.56°W. and S.56°E.
1500.00	Cor. No. 1, and place of beginning.
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GROUSE CREEK #5 LODE	
At Cor. No. 1, identical with Cor. No. 3, M.S. No. 3651A, Sunbeam Fraction lode, monumented with an iron post, 1 in. diam., with 2 3/4 in. brass cap set and mkd. as described in the official record. Add marks G5-1 3685A to brass cap, from which	

## MINERAL SURVEY NO. 3685 A

FEET	
	<p>USMM No. 3, Yankee Fork Mining District, bears N.64°33'20"E., 9094.11 ft. dist., previously described.</p> <p>and the orig. bearing trees</p> <p>A pine, 8 ins. diam., bears N.29°09'E., 93.2 ft. dist., mkd. SUF-3 3651A BT.</p> <p>A pine, 12 ins. diam., bears N.59°08'E., 79.2 ft. dist., mkd. SUF-3 3651A BT.</p> <p>Thence N.67°28'03"W.</p>
151.95	Intersect line 2-3, Golden Anchor lode, of this survey.
380.	Main road, 20 ft. wide, bears S.58°W. and N.58°E.
525.	Main road, 20 ft. wide, bears N.14°E. and S.14°W.
587.58	<p>Point for Witness Cor. to Cor. No. 2.</p> <p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 26 ins. in the ground, with 3 1/4 in. aluminum cap mkd. WC G5-2 MS3685A, from which</p> <p>A pine, 5 ins. diam., bears N.34 1/2°E., 2.9 ft. dist., mkd. WC G5-2 3685A BT.</p> <p>A pine, 10 ins. diam., bears S.87 1/2°E., 16.3 ft. dist., mkd. WC G5-2 3685A BT.</p>
648.18	<p>Cor. No. 2, at intersection of line 2-3, Grouse Creek #4, identical with line 1-2, Silver Pine #16 lodes, both of this survey. Point falls in road, 12 ft. wide, bears N.17°E. and S.17°W., where a permanent monument cannot be established.</p> <p>Thence N.52°58'24"E.</p>
213.4	Road, 12 ft. wide, bears N.61°W. and S.61°E.
948.4	Road, 12 ft. wide, bears S.78°W. and N.78°E.
1098.4	Road, 12 ft. wide, bears N.65°W. and S.65°E.
1153.4	Road, 12 ft. wide, bears N.38°W. and S.38°E.
1228.4	Road, 12 ft. wide, bears N.14°W. and S.14°E.

## MINERAL SURVEY NO. 3685 A

FEET	
1398.43	Cor. No. 2, Grouse Creek #4 lode, of this survey, on line 2-3, M.S. No. 2168, Squaw Hitch lode, from which Cor. No. 2, Squaw Hitch bears S.32°30'57"E., 230.3 ft. dist. Point falls in main road, 20 ft. wide, bears N.7°W. and S.7°E.
1423.43	Witness Cor. to Cor. No. 2, Grouse Creek #4 lode, of this survey.
1500.00	Cor. No. 3.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, flush with the ground, with 3 1/4 in. aluminum cap mkd. G5-3 MS3685A, from which  A pine, 16 ins. diam., bears S.4°W., 12.1 ft. dist., mkd. G5-3 3685A BT.  The discovery, drill hole 88-42 bears S.43°03'47"E., 289 ft. dist.  Thence S.67°28'03E.
257.02	Cor. No. 3, Exchequer lode, on line 1-2, Squaw Hitch lode, both M.S. No. 2168, from which Cor. No. 2, Squaw Hitch, bears S.51°08'28"W., 250.0 ft. dist.
404.99	Intersect line 1-4, M.S. No. 2168, Exchequer lode, identical with line 1-2, M.S. No. 3651A, Mountain King lode, from which Cor. No. 4, Exchequer, bears S.69°35'11"W., 108.00 ft., and Cor. No. 1, Mountain King, bears S.69°35'11"W., 1008.25 ft. dist.
458.80	Intersect line 3-4, M.S. No. 3651A, Sun lode, from which Cor. No. 4 bears N.25°57'49"W., 36.84 ft. dist.
480.	Road, 12 ft. wide, bears N.26°W. and S.26°E.
648.18	Cor. No. 4.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 24 ins. in the ground, in a mound of stone, with a 3 1/4 in. aluminum cap in a rock mound, mkd. G5-4 MS3685A, from which  A pine, 16 ins. diam., bears S.63 1/2°W., 35.0 ft. dist., mkd. G5-4 3685A BT.  Thence S.52°58'24"W.
60.	Caved adit, strikes S.63°W.
90.	Road, 12 ft. wide, bears N.32°W. and S.32°E.



## MINERAL SURVEY NO. 3685 A

FEET	
127.87	Intersect line 3-4, M.S. No. 3651A, Sun lode, from which Cor. No. 4 bears N.25°57'49"W., 203.21 ft. dist.
200.	Road, 12 ft. wide, bears S.38°E. and N.38°W.
705.56	Intersect line 4-1, M.S. No. 3651A, Sentinel lode, from which Cor. No. 4 bears S.85°45'32"W., 196.08 ft. dist.
738.09	Intersect line 4-1, M.S. No. 3651A, Sun Fraction lode, from which Cor. No. 4 bears S.76°43'39"W., 749.00 ft. dist.
1025.39	Intersect line 3-4, M.S. No. 3651A, Sentinel lode, from which Cor. No. 4 bears N.18°33'32"E., 187.86 ft. dist.
1201.69	Intersect line 3-4, M.S. No. 3651A, Mountain King lode, from which Cor. No. 4 bears S.69°34'49"W., 352.29 ft. dist.
1361.42	Intersect line 3-4, Golden Anchor lode, of this survey.
1470.35	Intersect line 1-2, Silver Pine #16 lode, of this survey.
1500.00	Cor. No. 1, and place of beginning.
<p style="text-align: center;"><b>GROUSE CREEK #8 LODGE</b></p> <p>At Cor. No. 1, identical with Cor. No. 1, Kelly No. 3 and Cor. No. 2, Kelly No.1 lodes, both of this survey, and Cor. No. 3, M.S. No. 2910, Mulcahy lode, monumented with a 3x24 in. rotted post in rock mound; no bearing trees remain.</p> <p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, in center of mound, with 3 1/4 in. aluminum cap mkd. G8-1 K3-1 K1-2 MS3685A M-3 MS2910, and bury post, from which</p> <p style="padding-left: 40px;">U.S.M.M. No. 3, Yankee Fork Mining District, bears N.81°06'52"E., 9876.02 ft. dist., previously described.</p> <p style="padding-left: 40px;">A pine, 12 ins. diam., bears N.83°E., 15.8 ft. dist., mkd. M-3 2910 BT.</p> <p style="padding-left: 40px;">A fir, 10 ins. diam., bears N.78 1/2°W., 9.0 ft. dist., mkd. K3-1 3685A BT.</p> <p style="padding-left: 40px;">The discovery, drill hole 87-43, bears N.45°09'02"E., 690 ft. dist.</p> <p style="text-align: center;">Thence N.34°16'13"W.</p>	

## MINERAL SURVEY NO. 3685 A

FEET	
70.	Road, 12 ft. wide, bears N.57°E. and S.57°W.
530.	Grouse Creek, 1.5 ft. wide, course N.51°E.
600.00	Cor. No. 2, on line 1-2, Kelly No. 3 lode, of this survey.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 21 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G8-2 MS3685A; no suitable bearing objects are available.  Thence N.57°52'24"E.
1490.	Main road, 10 ft. wide, bears N.43°E. and S.43°W.
1500.00	Cor. No. 3.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, flush with the ground, with 3 1/4 in. aluminum cap mkd. G8-3 MS3685A, from which  A pine, 18 ins. diam., bears S.6°W., 13.5 ft. dist., mkd. G8-3 3685A BT.  Thence S.34°16'13"E.
386.04	Intersect line 2-3, Grouse Creek #1 lode, of this survey.
440.	Grouse Creek, 1.5 ft. wide, course N.82°E.
600.00	Cor. No. 4.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 26 ins. in the ground, with 3 1/4 in. aluminum cap mkd. G8-4 MS3685A, from which  A pine, 12 ins. diam., bears N.31°W., 30.2 ft. dist., mkd. G8-4 3685A BT.  A pine, 18 ins. diam., bears N.72°E., 14.6 ft. dist., mkd. G8-4 3685A BT.  Thence S.57°52'24"W.
180.	Road, 12 ft. wide, bears N.87°W. and S.87°E.
211.53	Cor. No.2, M.S. No. 2910, Mulcahy lode, on line 1-2, Grouse Creek #1 lode, of this survey.



## MINERAL SURVEY NO. 3685 A

FEET	
620.	Main road, 12 ft. wide, bears N.30°W. and S.30°E.
675.	Road, 12 ft. wide, bears N.73°W. and S.73°E.
875.	Road, 12 ft. wide, bears N.55°W. and S.55°E.
1330.	Road, 12 ft. wide, bears N.26°W. and S.26°E.
1500.00	Cor. No. 1, and place of beginning.
<p style="text-align: center;">KELLY NO. 1 LODE</p> <p>At Cor. No. 1, identical with Cor. No. 1, Kelly No. 2 and Cor. No. 3 GC-9 lodes, of this survey, and Cor. No. 4, M.S. No. 2910, Mulcahy lode, monumented with a rotted post in rock mound; no bearing trees remain.</p> <p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 26 ins. in the ground, with 3 1/4 in. aluminum cap mkd. K1-1 K2-1 G9-3 MS3685A M-4 MS2910, from which</p> <p style="padding-left: 40px;">U.S.M.M. No. 3, Yankee Fork Mining District, bears N.77°40'30"E., 9875.78 ft. dist., previously described.</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears S.59 1/2°E., 10.3 ft. dist., mkd. G9-3 3685A BT.</p> <p style="padding-left: 40px;">A pine, 14 ins. diam., bears S.15 1/2°W., 36.7 ft. dist., mkd. G2-1 3685A BT.</p> <p style="text-align: center;">Thence N.10°37'45"W.</p>	
100.	Road, 12 ft. wide, bears N.48°W. and S.48°E.
350.	Road, 12 ft. wide, bears N.57°E. and S.57°W.
570.	Road, 12 ft. wide, bears N.68°E. and S.68°W.
592.76	Cor. No. 2, identical with Cor. No. 1, Kelly No. 3 and Cor. No. 1, Grouse Creek #8 lodes, of this survey, and Cor. No. 3, M.S. No. 2910, Mulcahy lode, from which
	The discovery, drill hole 87-33, bears S.50°02'38"W., 135 ft. dist.
	Thence S.84°16'54"W.

## MINERAL SURVEY NO. 3685 A

FEET	
140	Road, 12 ft. wide, bears N.57°E. and S.57°W.
278.	Road, 12 ft. wide, bears N.25°E. and S.25°W.
390.	Dry wash, 5 ft. wide, drains N.8°W.
635.	Dry wash, 10 ft. wide, drains N.42°E.
1500.00	Cor. No. 3, identical with Cor. No. 4, Kelly No. 3 lode, this same survey.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 27 ins. in the ground, with 3 1/4 in. aluminum cap mkd. K1-3 K3-4 MS3685A, from which  A pine, 10 ins. diam., bears N.10°E., 6.9 ft. dist., mkd. K3-4 3685A BT.  A pine, 12 ins. diam., bears S.36°E., 9.4 ft. dist., mkd. K1-3 3685A BT.  Thence S.10°37'45"E.
592.76	Cor. No. 4, identical with Cor. No. 4, Kelly No. 2 lode, of this survey.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 27 ins. in the ground, with 3 1/4 in. aluminum cap mkd. K1-4 K2-4 MS3685A, from which  A pine, 12 ins. diam., bears N.35 1/2°E., 40.6 ft. dist., mkd. K1-4 3685A BT.  A pine, 30 ins. diam., bears N.71°E., 28.6 ft. dist., mkd. K1-4 3685A BT.  Thence N.84°16'54"E.
924.	Dry wash, 2 ft. wide, drains North.
1500.00	Cor. No. 1, and place of beginning.
KELLY NO. 2 LODE	
	At Cor. No. 1, identical with Cor. No. 1, Kelly No.1 and Cor. No. 3, GC-9 lodes of this survey, and Cor. No. 4, M. S. No. 2910, Mulcahy lode, from which  The discovery, drill hole 88-01, bears S.26°24'13"W., 168 ft. dist.

## MINERAL SURVEY NO. 3685 A

FEET	
	Thence S.39°32'13"E.
260.	Road, 12 ft. wide, bears N.78°W. and S.78°E.
544.44	Witness Cor. to Cor. No. 2, GC-9 lode, of this survey.
546.59	Intersect line 2-3, Grouse Creek #3 lode, of this survey.
574.07	Cor. No. 2, GC-9 lode, of this survey.
591.35	Cor. No. 2.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with with 3 1/4 in. aluminum cap mkd. K2-2 MS3685A, from which  A fir, 6 ins. diam., bears N.66 1/2°W., 34.4 ft. dist., mkd. K2-2 3685A BT.  Thence S.84°16'49"W.
86.07	Intersect line 2 - 3, Grouse Creek #3 lode, of this survey.
1499.98	Cor. No. 3.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 24 ins. in the ground, with 3 1/4 in. aluminum cap mkd. K2-3 MS3685A, from which  A pine, 10 ins. diam., bears N.51°E., 16.9 ft. dist., mkd. K2-3 3685A BT.  A fir, 6 ins. diam., bears N.68°E., 22.9 ft. dist., mkd. K2-3 3685A BT.  Thence N.39°32'13"W.
591.40	Cor. No. 4, identical with Cor. No. 4, Kelly No.1 lode, of this survey.  Thence N.84°16'54"E.
924.	Dry wash, 2 ft. wide, drains North.
1500.00	Cor. No. 1, and place of beginning.



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## MINERAL SURVEY NO. 3685 A

FEET	
	KELLY NO. 3 LODE
	At Cor. No. 1, identical with Cor. No. 2, Kelly No. 1 and Cor. No. 1, Grouse Creek #8 lodes, both of this survey, and Cor. No. 3, M.S. No. 2910, Mulcahy lode, from which
	The discovery, drill hole 88-08, bears N.43°10'14"W., 288 ft. dist.
	Thence N.34°16'13"W.
70.	Road, 12 ft. wide, bears N.57°E. and S.57°W.
530.	Grouse Creek, 1.5 ft. wide, course N.51°E.
600.00	Cor. No. 2, Grouse Creek #8 lode, of this survey.
650.00	Cor. No. 2.
	Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. K3-2 MS3685A, from which
	A pine, 6 ins. diam., bears S.71 1/2°W., 16.2 ft. dist., mkd. K3-2 3685A BT.
	A pine, 16 ins. diam., bears S.8 1/2°E., 13.3 ft. dist., mkd. K3-2 3685A BT.
	Thence S.84°16'54"W.
1300.	Dry wash, 5 ft. wide, drains S.34°E.
1500.00	Cor. No. 3.
	Set an aluminum rod, 3/4 in. diam., 30 ins. long, 25 ins. in the ground, with 3 1/4 aluminum cap mkd. K3-3 MS3685A, from which
	A fir, 6 ins. diam., bears S.78°E., 75.2 ft. dist., mkd. K3-3 3685A BT.
	A fir, 6 ins. diam., bears S.59 1/2°E., 60.7 ft. dist., mkd. K3-3 3685A BT.
	Thence S.34°16'13"E.
75.	Grouse Creek, 1 ft. wide, course N.63°E.

## MINERAL SURVEY NO. 3685 A

FEET	
650.00	Cor. No. 4, identical with Cor. No. 3, Kelly No. 1 lode, of this survey.  Thence N.84°16'54"E.
865.	Dry wash, 10 ft. wide, drains N.42°E.
1110.	Dry wash, 5 ft. wide, drains N.8°W.
1222.	Road, 12 ft. wide, bears N.25°E. and S.25°W.
1360.	Road, 12 ft. wide, bears N.57°E. and S.57°W.
1500.00	Cor. No. 1, and place of beginning.
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SOAPSTONE LODGE	
	At Cor. No. 1.
	Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. SS-1 MS3685A, from which
	U.S.M.M. No. 3, Yankee Fork Mining District, bears N.55°04'45"E., 10184.78 ft. dist., previously described.
	A pine, 9 ins. diam., bears N.62°E., 26.3 ft. dist., mkd. SS-1 3685A BT.
	A pine, 8 ins. diam., bears N.39 1/2°E., 20.0 ft. dist., mkd. SS-1 3685B BT.
	The discovery, drill hole 87-19, bears N.73°57'41"E., 285 ft. dist.
	Thence N.14°48'43"E.
235.	Road, 10 ft. wide, bears N.34°W. and S.34°E.
290.	Road, 10 ft. wide, bears N.30°W. and S.30°E.
523.53	Intersect line 1-2, Golden Anchor lode, of this survey.
600.00	Cor. No. 2.
	Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. SS-2 MS3685A, from which

## MINERAL SURVEY NO. 3685 A

FEET	
	A pine, 6 ins. diam., bears S.62°E., 16.7 ft. dist., mkd. SS-2 3685A BT.
	A pine, 6 ins. diam., bears S.32 1/2°E., 5.9 ft. dist., mkd. SS-2 3685A BT.
	Thence S.82°55'49"E.
50.	Road, 15 ft. wide, bears N.36°W. and S.36°E.
364.86	Cor. No. 1, Golden Anchor lode, identical with Cor. No. 2, Extension #2 lode, of this survey, and Cor. No. 2, M.S. No. 3651A, Sentinel Fraction lode.
735.	Road, 12 ft. wide, bears N.34°W. and S.34°E.
815.	Dry wash, 10 ft. wide, drains S.38°E.
870.	Road, 12 ft. wide, bears N.38°W., and S.38°E.
962.83	Intersect lines 4-1, Extension #2 lode identical with line 4-1, Extension #1 lode, of this survey.
1270.	Creek, 1 ft. wide, course S.53°W.
1500.00	Cor. No. 3.
	Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. SS-3 MS3685A, from which
	A pine, 22 ins. diam., bears S.39 1/2°W., 2.7 ft. dist., mkd. SS-3 3685A BT.
	A pine, 8 ins. diam., bears S.34 1/2°W., 27.9 ft. dist., mkd. SS-3 3685A BT.
	Thence S.14°48'43"W.
145.	Creek, 1 ft. wide, course S.33°E.
340.	Dry wash, 10 ft. wide, drains S.50°E.
500.	Road, 12 ft. wide, bears N.22°W. and S.22°E.
600.00	Cor. No. 4.



## MINERAL SURVEY NO. 3685 A

FEET	
	<p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. SS-4 MS3685A, from which</p> <p>A pine, 10 ins. diam., bears N.35 1/2°W., 5.9 ft. dist., mkd. SS-4 3685A BT.</p> <p>A pine, 12 ins. diam., bears N.8°E., 22.9 ft. dist., mkd. SS-4 3685A BT.</p> <p>Thence N.82°55'49"W.</p>
95.	Road, 12 ft. wide, bears N.6°W. and S.6°E.
411.21	Intersect lines 4-1, Extension #1 lode, identical with line 4-1, Extension #2 lode, of this survey.
1009.18	Intersect line 2-3, Extension #2 lode, of this survey.
1090.	Road, 12 ft. wide, bears N.54°W., and S.54°E.
1225.	Road, 50 ft. wide, bears N.8°W., and S.8°E.
1400.	Road, 12 ft. wide, bears N.4°E., and S.4°W.
1500.00	Cor. No. 1, and place of beginning.
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SILVER PINE #16 LODE	
	<p>At Cor. No. 1.</p> <p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. SP16-1 MS3685A, from which</p> <p>USMM No. 3, Yankee Fork Mining District, bears N.69°29'53"E., 9928.93 ft. dist., previously described.</p> <p>A pine, 18 ins. diam., bears S.1°E., 19.5 ft. dist., mkd. SP16-1 3685A BT.</p> <p>A fir, 6 ins. diam., bears S.33 1/2°E., 16.2 ft. dist., mkd. SP16-1 3685A BT.</p> <p>The discovery, drill hole 91-63, bears S.42°20'22"E., 509 ft. dist.</p> <p>Thence S.69°40'28"E.</p>

## MINERAL SURVEY NO. 3685 A

FEET	
330.	Road, 12 ft. wide, bears N.21°E., and S.21°W.
354.19	Intersect line 3-4, Grouse Creek #4 lode, of this survey.
521.82	Cor. No. 2, Grouse Creek No. 5 lode, on line 2-3, Grouse Creek #4 lode, of this survey, located in center of road, 12 ft. wide, bears N.17°E. and S.17°W.
645.	Main road, 20 ft. wide, bears N.14°E. and S.14°W.
795.	Main road, 20 ft. wide, bears N584°E. and S.58°W.
1044.64	Intersect line 3-4, Golden Anchor lode, of this survey.
1062.98	Intersect line 4-1, M.S. No. 3651A, Mountain King lode, from which Cor. No. 4 bears S.11°31'47"W., 3.76 ft. dist.
1067.88	Intersect line 3-4, M.S. No. 3651A, Mountain King lode, from which Cor. No. 4 bears S.69°34'49"W., 5.70 ft. dist.
1146.13	Intersect line 3-4, M.S. No. 3651A, Sun Fraction lode, from which Cor. No. 3 bears S.22°49'21"E., 34.21 ft. dist.
1185.52	Intersect line 4-1, Grouse Creek No. 5 lode, of this survey.
1207.03	Intersect line 2-3, Sun Fraction lode, M.S. No. 3651A, from which Cor. No. 3 bears S.76°40'41"W., 45.05 ft. dist.
1437.12	Intersect line 3-4, Sentinel lode, M.S. No. 3651A, from which Cor. No. 3 bears S.18°33'32"W., 37.29 ft. dist.
1500.00	Cor. No. 2.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. SP16-2 MS3685A, from which  A pine, 16 ins. diam., bears S.36 1/2°W., 1.2 ft. dist., mkd. SP16-2 3685A BT.  A pine, 16 ins. diam., bears S.34 1/2°W., 28.8 ft. dist., mkd. SP16-2 3685A BT.  Thence S.16°55'29"W.
8.83	Intersect line 2-3, M.S. No. 3651A, Sentinel lode, from which Cor. No. 3 bears S.85°45'32"W., 68.45 ft. dist.



## MINERAL SURVEY NO. 3685 A

FEET	
12.	Road, 12 ft. wide, bears N.75°E. and S.75°W.
435.	Road, 12 ft. wide, bears N.40°W. and S.40°E.
600.03	Cor. No. 3.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 26 ins. in the ground, with 3 1/4 in. aluminum cap mkd. SP16-3 MS3685A, from which  A pine, 14 ins. diam., bears N.34°E., 17.4 ft. dist., mkd. SP16-3 3685A BT.  A pine, 6 ins. diam., bears N.2 1/2°E., 10.2 ft. dist., mkd. SP16-3 3685A BT.  Thence N.69°40'28"W.
338.35	Intersect line 2-3, Golden Anchor lode, of this survey.
1500.00	Cor. No. 4.  Set an aluminum rod, 3/4 in. diam., 30 ins. long, 25 ins. in the ground, with 3 1/4 in. aluminum cap mkd. SP16-4 MS3685A, from which  A fir, 8 ins. diam., bears N.29°E., 37.8 ft. dist., mkd. S16-4 3685A BT.  Thence N.16°55'29"E.
400.	Dry wash, 5 ft. wide, drains S.31°E.
600.03	Cor. No. 1, and place of beginning.
EXTENSION #1 LODGE	
At Cor. No. 1, identical with Cor. No. 1, Extension #2 lode of this survey, and Cor. No. 1, Sentinel Fraction, and Cor. No.1, Gold Dust lodes, both M.S. No. 3651A, monumented with an iron post, 1 in. diam., with 2 3/4 in. brass cap, set and mkd. as described in the official record. Add marks E2-1 and E1-1 3658A to cap, from which  The discovery, at 305 ft. depth, drill hole 91-104, bears S.51°30'27"E., 195 ft. dist.  and the orig. bearing trees	

## MINERAL SURVEY NO. 3685 A

FEET	
	<p>A pine, 10 ins. diam., bears N.53°23'E., 25.4 ft. dist., mkd. GD-1 3651A BT.</p> <p>A pine, 12 ins. diam., bears N.47°11'W., 12.1 ft. dist., mkd. SF-1 3651A.</p> <p>Thence S.87°15'27"E.</p>
70.	Creek, 1 ft. wide, course S.45°E.
599.44	<p>Cor. No. 2, identical with Cor. No. 4, SBMS 28 millsite, of this survey, and Cor. No. 4, M.S. No. 3651A, Gold Dust lode, monumented with an iron post, 1 in. diam., set 10 ins. out of the ground, with 2 3/4 in. brass cap mkd. GD-4, 3651A. Add marks E2-2 3685A, S28-4 3685B to brass cap, from which the orig. bearing trees</p> <p>A pine, 12 ins. diam. bears N.65°57'W., 9.1 ft. dist., mkd. GD-4 3651A BT.</p> <p>A pine, 10 ins. diam. bears N.0°16'W., 11.6 ft. dist., mkd. GD-4 3651A BT.</p> <p>and a new bearing tree</p> <p>A pine, 12 ins. diam. bears S.3 1/2°E., 7.4 ft. dist., mkd. S28-4 3685B BT.</p> <p>Thence S.3°40'14"W.</p>
365.	Creek, 1 ft. wide, course S.48°E.
535.	Dry wash, 10 ft. wide, drains S.80°E.
658.59	Cor. No. 3, SBMS 28 millsite, of this survey, on line 2-3, M.S. No. 3677B, SBMS 17 millsite, from which Cor. No. 2 bears S.32°26'54"W., 551.94 ft. dist.
1179.20	Intersect line 4-1, M.S. No. 3677B, SBMS 17 millsite, identical with line 3-4, M.S. No. 3651B, Day millsite, located in road, 10 ft. wide, bears N.2°E. and S.2°W., from which Cor. No. 3, Day millsite bears S.32°26'39"W., 1.51 ft. dist.
1180.63	Intersect line 3-4, M.S. No. 3677B, SBMS 18 millsite, identical with line 2-3, M.S. No. 3651B, Day millsite, from which Cor. No. 3, Day millsite bears N.78°08'W., 0.74 ft. dist.
1500.20	Cor. No. 3.

## MINERAL SURVEY NO. 3685 A

FEET	
	<p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, flush with the ground, with 3 1/4 in. aluminum cap mkd. E1-3 MS3685A, from which</p> <p>A pine, 6 ins. diam., bears N.30 1/2°W., 8.1 ft. dist., mkd. E1-3 3685A BT.</p> <p>A fir, 10 ins. diam., bears N.67 1/2°W., 11.5 ft. dist., mkd. E1-3 3685A BT.</p> <p>Thence N.87°15'27"W.</p>
61.69	Intersect line 1-2, M.S. No. 3677B, SBMS 18 millsite, from which Cor. No. 2 bears N.78°08'W., 519.67 ft. dist.
175.	Road, 10 ft. wide, bears N.42°E. and S.42°W.
574.77	Cor. No. 4, identical with Cor. No. 4, Extension #2 lode, of this survey.
	<p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 26 ins. in the ground, with 3 1/4 in. aluminum cap mkd. E1-4 E2-4 MS3685A, from which</p> <p>A pine, 18 ins. diam., bears N.3°E., 2.6 ft. dist., mkd. E1-4 3685A BT.</p> <p>A pine, 12 ins. diam., bears N.64°E., 25.0 ft. dist., mkd. E1-4 3685A BT.</p> <p>Thence N.2°43'42"E.</p>
82.41	Cor. No. 2, SBMS 18 millsite, on line 4-1 SBMS 19 millsite, both M.S. No. 3677B.
412.69	Intersect line 3-4, M.S. No. 3677B, SBMS 18 millsite, from which Cor. No. 2 bears S.78°08'E., 319.03 ft. dist.
785.61	Intersect line 4-1, Soapstone lode, of this survey.
1115.	Road, 10 ft. wide, bears N.40°W. and S.40°E.
1285.	Dry wash, 10 ft. wide, drains S.50°E.
1335.	Road, 10 ft. wide, bears N.65°W. and S.65°E.
1381.85	Intersect line 2-3, Soapstone lode, of this survey.



## MINERAL SURVEY NO. 3685 A

FEET	
1500.00	Cor. No. 1, and place of beginning.
	<p style="text-align: center;">EXTENSION #2 LODE</p> <p>At Cor. No. 1, identical with Cor. No. 1, Extension #1 lodes of this survey, and Cor. No. 1, Sentinel Fraction, and Cor. No. 1, Gold Dust lodes, both M.S. No. 3651A, from which</p> <p style="padding-left: 40px;">The discovery, drill hole 84-9, bears S.84°52'41"W., 142 ft. dist.</p> <p style="padding-left: 40px;">Thence S.85°45'32"W.</p>
140.	Road, 12 ft. wide, bears N.4°E. and S.4°W.
228.	Dry wash, 10 ft. wide, drains S.44°E.
280.	Road, 10 ft. wide, bears N.34°W. and S.34°E.
600.69	Cor. No. 2, identical with Cor. No. 1, Golden Anchor lode, on line 2-3, Soapstone lode, of this survey, and Cor. No. 2, M.S. 3651A, Sentinel Fraction lode.
	Thence S.2°43'42"W.
596.24	Intersect line 4-1, Soapstone lode, of this survey.
605.	Road, 10 ft. wide, bears N.67°W. and S.67°E.
630.	Road, 10 ft. wide, bears N.54°W. and S.54°E.
1500.00	Cor. No. 3, falls in rock outcrop, where a permanent monument cannot be established.
	Thence N.85°45'32"E.
14.59	Point for Witness Cor. to Cor. No. 3.
	<p>Set an aluminum rod, 3/4 in. diam., 30 ins. long, 28 ins. in the ground, with 3 1/4 in. aluminum cap mkd. WC E2-3 MS3685A, from which</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears N.60°E., 34.9 ft. dist., mkd. WC E2-3 3685A BT.</p> <p style="padding-left: 40px;">A fir, 10 ins. diam., bears N.5°E., 29.0 ft. dist., mkd. WC E2-3 3685A BT.</p>

## MINERAL SURVEY NO. 3685 A

FEET	
135.	Dry wash, 10 ft. wide, drains S.23°E.
536.79	Intersect line 3-4, M.S. No. 3677B, SBMS 19 millsite, from which Cor. No. 4 bears North, 101.25 ft. dist.
600.69	Cor. No. 4, identical with Cor. No. 4, Extension #1 lode, of this survey.  Thence N.2°43'42"E.
82.41	Cor. No. 2, SBMS 18 millsite, on line 4-1 SBMS 19 millsite, both M.S. No. 3677B, from which Cor. No. 4 bears N.78°08'W., 69.13 ft. dist.
412.69	Intersect line 3-4, M.S. No. 3677B, 18 SBMS millsite, from which Cor. No. 3 bears N.78°08'W., 16.06 ft. dist.
785.61	Intersect line 4-1, Soapstone lode, of this survey.
1115.	Road, 10 ft. wide, bears N.40°W. and S.40°E.
1285.	Dry wash, 10 ft. wide, drains S.50°E.
1335.	Road, 10 ft. wide, bears N.65°W. and S.65°E.
1381.85	Intersect line 2-3, Soapstone lode, of this survey.
1500.00	Cor. No. 1, and place of beginning.
GC - 9 LODE	
	At Cor. No. 1, identical with Cor. No. 2, Grouse Creek #2 lode, on line 2-3, Grouse Creek #3 lode, both of this survey, from which  U.S.M.M. No. 3, Yankee Fork Mining District, bears N.75°01'40"E., 9536.92 ft. dist., previously described.  Thence S.38°41'43"W.
111.31	Cor. No. 2, on line 1-2, Kelly No. 2 lode, of this survey. Point falls in rock where a permanent monument cannot be established.  Thence N.39°32'13"W.
27.48	Intersect line 2-3, Grouse Creek #3 lode, of this survey.
29.63	Witness Cor. to Cor. No. 2.

## MINERAL SURVEY NO. 3685 A

FEET	
	Set an aluminum rod, 3/4 in. diam., 30 ins. long, 23 ins. in the ground, with 3 1/4 in. aluminum cap mkd. WC G9-2 MS3685A, from which
	A fir, 10 ins. diam., bears N.1 1/2°W., 30.7 ft. dist., mkd. WC G9-2 3685A BT.
	A pine, 12 ins. diam., bears N.50°E., 24.2 ft. dist., mkd. WC G9-2 3685A BT.
314.1	Road, 12 ft. wide, bears N.78°W. and S.78°E.
574.07	Cor. No. 3, identical with Cor. No. 1, Kelly No. 1, and Cor. No. 1, Kelly No. 2 lodes, of this survey, and Cor. No. 4, M.S. No. 2910, Mulcahy lode, from which
	The discovery, drill hole 88-06, bears N.73°59'11"E., 71 ft. dist.
	Thence N.38°41'43"E.
50.	Road, 12 ft. wide, bears N.48°W. and S.48°E.
139.15	Cor. No. 4, identical with Cor. No. 3, Grouse Creek #2 lode, of this survey.
	Thence S.36°50'44"E.
37.67	Intersect line 4-1, M.S. No. 2910, Mulcahy lode, from which Cor. No. 4 bears S.54°24'W., 134.77 ft. dist.
430.4	Road, 12 ft. wide, bears N.65°W. and S.65°E.
530.4	Road, 12 ft. wide, bears N.77°W. and S.77°E.
580.38	Cor. No. 1, and place of beginning.
MINERAL SURVEY NO. 3685 B	
SBMS 27 MILLSITE	
	At Cor. No. 1, identical with Cor. No. 1, SBMS 28 millsite, of this survey, on line 3-4, M.S. No. 3677A, Gold Dust #1 lode.
	Set an aluminum rod, 3/4 in. diam., 30 ins. long, 26 ins. in the ground, with 3 1/4 in. aluminum cap mkd. S27-1 S28-1 MS3685B, from which



## MINERAL SURVEY NO. 3685 B

FEET	
	<p>U.S.M.M. No. 3, Yankee Fork Mining District, bears N.50°10'58"E., 8051.04 ft. dist., previously described.</p> <p>A pine, 6 ins. diam., bears S.34 1/2°W., 14.9 ft. dist., mkd. S28-1 3685B BT.</p> <p>A pine, 10 ins. diam., bears S.2 1/2°W., 3.6 ft. dist., mkd. S27-1 3685B BT.</p> <p>Thence S.87°32'03"E.</p>
289.22	<p>Cor. No. 2, identical with Cor. No. 5, M.S. No. 3677B, SBMS - 27 millsite, on line 3-4, M.S. No. 3677A, Gold Dust #1 lode, monumented with an aluminum pipe, 1 in. diam., 4 ins. above the ground, with 3 1/4 in. aluminum cap set and mkd. as described in the official record. Add marks S27-2 MS3685B to aluminum cap, from which the orig. bearing trees</p> <p>A pine, 10 ins. diam., bears S.57°E., 15.03 ft. dist., mkd. S25-5 3677B BT.</p> <p>A pine, 6 ins. diam., bears S.14°W., 17.0 ft. dist., mkd. S25-5 3677B BT.</p> <p>Thence S.32°23'21"W.</p>
228.7	Dry wash, 5 ft. wide, drains S.70°E.
658.73	<p>Cor. No. 3, identical with Cor. No. 4, SBMS 25 and Cor. No. 4, SBMS 17 millsites, both M.S. No. 3677B, and Cor. No. 4, M. S. No. 3651B, Day millsite, monumented with an iron post, 1 in. diam., with 2 3/4 in. brass cap set and mkd. as described in the official records. Add marks S27-3 3685B to brass cap, from which the orig. bearing trees</p> <p>A fir, 8 ins. diam., bears S.49°33'E., 7.2 ft. dist., mkd. D-4 3651B BT.</p> <p>A pine, 8 ins. diam., bears S.3°52'W., 41.7 ft. dist., mkd. D-4 3651B BT.</p> <p>A pine, 5 ins. diam. bears S.75°W., 10.8 ft. dist., mkd. S17-4 3677B BT.</p> <p>Thence N.78°06'51"W.</p>

## MINERAL SURVEY NO. 3685 B

FEET	
267.62	Cor. No. 4, identical with Cor. No. 2, SBMS 28 millsite, of this survey, and Cor. No. 3, M.S. No. 3677B, SBMS 17 millsite, monumented with an aluminum pipe, 1 in. diam., with 3 1/4 in. aluminum cap set and mkd. as described in the official records. Add marks S27-4 3685B to aluminum cap, from which the orig. bearing trees  A pine, 4 ins. diam., bears S.50°E., 18.6 ft. dist., mkd. S17-3 3677B BT.  A pine, 6 ins. diam., bears S.27 1/2°W., 15.8 ft. dist., mkd. S17-3 3677B BT.  Thence N.32°23'21"E.
443.2	Dry wash, 5 ft. wide, drains East.
608.19	Cor. No. 1, and place of beginning.
SBMS 28 MILLSITE	
	At Cor. No. 1, identical with Cor. No. 1, SBMS 27 millsite, of this survey, on line 3-4, M.S. No. 3677A, Gold Dust #1 lode.  Thence S.32°23'21"W.
165.	Dry wash, 5 ft. wide, drains East.
608.19	Cor. No. 2, identical with Cor. No. 4, SBMS millsite, of this survey, and Cor. No. 3, M.S. No. 3677B, SBMS 17 millsite.  Thence S.32°26'54"W.
79.	Creek, 1 ft. wide, course S.58°E.
190.	Dry wash, 5 ft. wide, drains S.48°E.
317.07	Cor. No. 3, at intersection of line 2-3, Extension #1 lode, of this survey, and line 2-3, M.S. No. 3677B, SBMS 17 millsite.  Thence N.3°40'14"E.
123.6	Dry wash, 10 ft. wide, drains S.80°E.
293.6	Creek, 1 ft. wide, course S.48°E.



## MINERAL SURVEY NO. 3685 B

FEET																																															
658.59	Cor. No. 4, identical with Cor. No. 2, Extension #1 lode, of this survey, and Cor. No. 4, M.S. No. 3651A, Gold Dust lode.  Thence N.3°05'12"E.																																														
143.32	Cor. No. 5, identical with Cor. No. 4, M.S. No. 3677A, Gold Dust #1 lode, monumented with an aluminum pipe, 1 in. diam., 2 in. above the ground in south face of road bank, with 3 1/4 in. aluminum cap set and mkd. as described in the official record. Add marks S28-5 MS3685B to aluminum cap, from which the orig. bearing tree  A pine, 8 ins. diam., bears N.53°E., 31.6 ft. dist., mkd. GD1-4 3677A BT. No other suitable bearing objects available.  Thence S.87°32'03"E.																																														
446.44	Cor. No. 1, and place of beginning.																																														
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MINERAL SURVEY NO. 3685 A & B																																															
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<u>AREAS</u>	<u>ACRES</u>																																														
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Total Area, Grouse Creek #4 lode	20.5972																																														

## MINERAL SURVEY NO. 3685 A &amp; B

FEET	
	Area in conflict with -----
	Silver Pine #16 lode 0.1646
	Total Area, Grouse Creek #5 lode 19.2435
	Area in conflict with -----
	Golden Anchor lode 0.2260
	Silver Pine #16 lode 0.1902
	M.S. No. 3651A, Mountain King lode 10.8452
	M.S. No. 3651A, Sunbeam Fraction lode 2.6386
	M.S. No. 3651A, Sentinel lode 0.3898
	M.S. No. 3651A, Sun lode 0.2396
	M.S. No. 2168, Squaw Hitch lode 0.9152
	M.S. No. 2168, Exchequer lode 0.1250
	Total Area, Grouse Creek #8 lode 20.6467
	Area in conflict with -----
	Grouse Creek #1 lode 0.7975
	Total Area, Kelly No. 1 lode 20.3370
	Total Area, Kelly No. 2 lode 16.9186
	Area in conflict with -----
	Grouse Creek #3 lode 0.0367
	Total Area, Kelly No. 3 lode 19.6608
	Total Area, Soapstone lode 20.4728
	Area in conflict with -----
	Golden Anchor lode 0.3173
	Extension #1 lode 6.4720
	Extension #2 lode 8.1614
	Total Area, Silver Pine #16 lode 20.6250
	Area in conflict with -----
	Golden Anchor lode 5.6775
	Grouse Creek No. 4 0.1646
	Grouse Creek No. 5 lode 0.1902
	M.S. No. 3651A, Mountain King lode 0.0002
	M.S. No. 3651A, Sunbeam Fraction lode 0.0174
	M.S. No. 3651A, Sentinel lode 0.0334
	Total Area, Extension #1 lode 20.2170
	Area in conflict with -----
	Soapstone lode 6.4720
	M.S. No. 3677B, SBMS 17 millsite 1.5922
	M.S. No. 3677B, SBMS 18 millsite 4.3703
	M.S. No. 3677B, SBMS 19 millsite 0.4853
	M.S. No. 3651B, Day millsite 0.00002
	Total Area, Extension #2 lode 20.5321
	Area in conflict with -----
	Soapstone lode 8.1614
	M.S. No. 3677B, SBMS 18 millsite 0.0601
	M.S. No. 3677B, SBMS 19 millsite 0.1386
	Total Area GC-9 lode 1.6157

## MINERAL SURVEY NO. 3685 A &amp; B

FEET	
	Area in conflict with ----
	Grouse Creek #3 lode 0.0344
	M.S. No. 2910, Mulcahy lode 0.0583
	Total Area, SBMS 27 Millsite 3.6452
	Total Area, SBMS 28 Millsite 4.0998
	<b>LOCATION</b>
	This survey is located in approximate Sections 19, 20, 29, and 30, (unsurveyed) T. 13 N., R. 15 E., Boise Meridian, Yankee Fork Mining District, Custer County, Idaho.
	The survey of the lodes, and millsites is identical with their respective location, or amended location, as marked on the ground.
	<b>EXPENDITURES</b>
	The improvements and the value of the labor and improvements made upon or for the benefit of the lode, and millsite locations embraced in said mining claim by the claimant or its grantors are as follows:
No.1	The discovery point of the Golden Anchor lode, churn drill hole No. 84-6, the collar of which bears S.37°11'45"E., 500 ft. from Cor. No. 3, Golden Anchor lode, incline -90°, runs 300 ft. dist. Value: \$ 2250.00
No.2	Churn drill hole No. 84-2, the collar of which bears N.16°48'45"E., 403 ft. from Cor. No. 1, Golden Anchor lode, incline -90°, runs 250 ft. dist. Value: \$ 1875.00
No.1	The discovery point of the Grouse Creek #1 lode, churn drill hole No. 88-12, the collar of which bears N.31°41'03"E., 325 ft. from Cor. No. 1, Grouse Creek #1 lode, incline -90°, runs 300 ft. dist. Value: \$ 2250.00
No.1	The discovery point of the Grouse Creek #2 lode, churn drill hole No. 87-111, the collar of which bears N.21°52'01"E., 429 ft. from Cor. No. 2, Grouse Creek #2 lode, incline -90°, runs 300 ft. dist. Value: \$ 2250.00
No.2	Churn drill hole No. 86-100, the collar of which bears S.76°37'55"W., 731 ft. from Cor. No. 1, Grouse Creek #2 lode, incline -90°, runs 205 ft. dist. Value: \$ 1537.00



## MINERAL SURVEY NO. 3685 A &amp; B

FEET	
No.3	Churn drill hole No. 91-78, the collar of which bears S.57°58'49"W., 691 ft. from Cor. No. 1, Grouse Creek #2 lode, incline -90°, runs 500 ft. dist. Value: \$ 3750.00
No.4	Churn drill hole No. 88-10, the collar of which bears S.67°47'09"W., 149 ft. from Cor. No. 1, Grouse Creek #2 lode, incline -90°, 300 ft. dist. Value: \$ 2250.00
No.5	Churn drill hole No. 89-46, the collar of which bears S.61°23'15"E., 77 ft. from Cor. No. 3, Grouse Creek #2 lode, incline -90°, 365 ft. dist. Value: \$ 2737.00
No.6	Churn drill hole No. 91-76, the collar of which bears N.43°14'05"E., 660 ft. from Cor. No. 2, Grouse Creek #2 lode, incline -90°, 500 ft. dist. Value: \$ 3750.00
No.1	The discovery point of the Grouse Creek #3 lode, churn drill hole No. 91-110, the collar of which bears S.20°20'29"W., 356 ft. from Cor. No. 2, Grouse Creek #3 lode, incline -90°, runs 500 ft. dist. Value: \$ 3750.00
No.2	Churn drill hole No. 91-79B, the collar of which bears S.52°24'52"W., 183 ft. from Cor. No. 2, Grouse Creek #3 lode, incline -90°, runs 465 ft. dist. Value: \$ 3487.00
No.3	Churn drill hole No. 89-55, the collar of which bears S.30°27'53"W., 263 ft. from Cor. No. 2, Grouse Creek #3 lode, incline -90°, runs 305 ft. dist. Value: \$ 2287.00
No.4	Churn drill hole No. 87-25, the collar of which bears N.61°27'19"E., 688 ft. from Cor. No. 3, Grouse Creek #3 lode, incline -90°, 440 ft. dist. Value: \$ 3300.00
No.5	Churn drill hole No. 89-54, the collar of which bears N.33°37'04"W., 237 ft. from Cor. No. 1, Grouse Creek #3 lode, incline -90°, 285 ft. dist. Value: \$ 2137.00
No.6	Churn drill hole No. 90-15, the collar of which bears S.73°23'58"E., 523 ft. from Cor. No. 1, Grouse Creek #3 lode, incline -90°, 525 ft. dist. Value: \$ 3937.00

## MINERAL SURVEY NO. 3685 A &amp; B

FEET	
No.1	The discovery point of the Grouse Creek #4 lode, churn drill hole No. 90-16, the collar of which bears S.32°48'52"W., 341 ft. from Cor. No. 1, Grouse Creek #4 lode, incline -90°, runs 565 ft. dist. Value: \$ 4237.00
No.2	Churn drill hole No. 91-66, the collar of which bears N.5°40'34"W., 361 ft. from Cor. No. 3, Grouse Creek #4 lode, incline -90°, runs 595 ft. dist. Value: \$ 4462.00
No.3	Churn drill hole No. 91-68, the collar of which bears N.36°18'08"E., 665 ft. from Cor. No. 3, Grouse Creek #4 lode, incline -90°, runs 550 ft. dist. Value: \$ 4125.00
No.1	The discovery point of the Grouse Creek No. 5 lode, churn drill hole No. 88-42, the collar of which bears S.43°03'47"W., 289 ft. from Cor. No. 3, Grouse Creek No. 5 lode, incline -90°, runs 100 ft. dist. Value: \$ 750.00
No.1	The discovery point of the Grouse Creek #8 lode, churn drill hole No. 87-43, the collar of which bears N.45°09'02"W., 690 ft. from Cor. No. 1, Grouse Creek #8 lode, incline -90°, runs 300 ft. dist. Value: \$ 2250.00
No.2	Churn drill hole No. 87-34, the collar of which bears N.18°40'36"W., 114 ft. from Cor. No. 1, Grouse Creek #8 lode, incline -90°, runs 600 ft. dist. Value: \$ 4500.00
No.1	The discovery point of the Kelly No. 1 lode, churn drill hole No. 87-33, the collar of which bears S.50°02'38"W., 135 ft. from Cor. No. 2, Kelly No. 1 lode, incline -90°, runs 600 ft. dist. Value: \$ 4500.00
No.2	Churn drill hole No. 87-31, the collar of which bears S.2°04'23"W., 298 ft. from Cor. No. 2, Kelly No. 1 lode, incline -90°, runs 600 ft. dist. Value: \$ 4500.00
No.3	Churn drill hole No. 88-07, the collar of which bears S.55°51'27"W., 371 ft. from Cor. No. 2, Kelly No. 1 lode, incline -90°, runs 600 ft. dist. Value: \$ 4500.00



## MINERAL SURVEY NO. 3685 A &amp; B

FEET	
No.1	The discovery point of the Kelly No. 2 lode, churn drill hole No. 88-01, the collar of which bears S.26°24'13"W., 168 ft. from Cor. No. 1, Kelly No. 2 lode, incline -90°, runs 600 ft. dist. Value: \$ 4500.00
No.1	The discovery point of the Kelly No. 3 lode, churn drill hole No. 88-08, the collar of which bears N.43°10'14"W., 288 ft. from Cor. No. 1, Kelly No. 3 lode, incline -90°, runs 500 ft. dist. Value: \$ 3750.00
No.1	The discovery point of the Soapstone lode, churn drill hole No. 87-19, the collar of which bears N.73°57'41"E., 285 ft. from Cor. No. 1, Soapstone lode, incline -90°, runs 600 ft. dist. Value: \$ 4500.00
No.2	Churn drill hole No. 87-17, the collar of which bears N.78°31'05"W., 298 ft. from Cor. No. 1, Soapstone lode, incline -90°, runs 400 ft. dist. Value: \$ 3000.00
No.1	The discovery point of the Silver Pine #16 lode, churn drill hole No. 91-63, the collar of which bears S.42°20'22"E., 509 ft. from Cor. No. 1, Silver Pine #16 lode, incline -90°, runs 600 ft. dist. Value: \$ 4500.00
No.2	Churn drill hole No. 91-64, the collar of which bears S.64°39'33"W., 523 ft. from Cor. No. 1, Silver Pine #16 lode, incline -90°, runs 410 ft. dist. Value: \$ 3075.00
No.3	Churn drill hole No. 91-67, the collar of which bears N.60°18'52"W., 339 ft. from Cor. No. 4, Silver Pine #16 lode, incline -90°, runs 410 ft. dist. Value: \$ 3075.00
No.1	The discovery point of the Extension #1 lode, point at 311 ft. depth, churn drill hole No. 91-104, bears S.51°30'27"E., 195 ft. from Cor. No. 1, Extension #1 lode, incline -45°, runs N.42°W., 189 ft. dist. Value: \$ 1463.00
No.2	Churn drill hole No. 91-104, the collar of which bears S.46°14'48"W., 392 ft. from Cor. No. 2, Extension #1 lode, incline -45°, runs N.42°W., 311 ft. dist. Value: \$ 2287.00

145

## MINERAL SURVEY NO. 3685 A &amp; B

FEET	
	<p>No.3 Churn drill hole No. 84-75, the collar of which bears S.22°59'49"W., 597 ft. from Cor. No. 2, Extension #1 lode, incline -90°, runs 300 ft. dist. Value: \$ 2250.00</p>
	<p>No.4 Churn drill hole No. 84-74, the collar of which bears S.30°29'46"W., 680 ft. from Cor. No. 2, Extension #1 lode, incline -90°, 300 ft. dist. Value: \$ 2250.00</p>
	<p>No.5 Churn drill hole No. 84-73, the collar of which bears S.42°59'33"W., 400 ft. from Cor. No. 2, Extension #1 lode, incline -90°, 300 ft. dist. Value: \$ 2250.00</p>
	<p>No.1 The discovery point of the Extension #2 lode, churn drill hole No. 84-9, bears S.84°52'41"W., 142 ft. from Cor. No. 1, Extension #2 lode, incline -90°, runs 300 ft. dist. Value: \$ 2250.00</p>
	<p>No.2 Churn drill hole No. 87-20, the collar of which bears S.2°15'12"W., 630 ft. from Cor. No. 2, Extension #2 lode, incline -90°, runs 400 ft. dist. Value: \$ 3000.00</p>
	<p>No.1 The discovery point of the GC-9 lode, churn drill hole No. 88-06, bears N.73°59'11"E., 71 ft. from Cor. No. 3, GC-9 lode, incline -90°, runs 600 ft. dist. Value: \$ 4500.00</p>
	<p>Five hundred dollars or over has been expended in these improvements in such a manner as tends to the development of the lode, subsequent to its location and to the time since which common ownership has prevailed.</p>
	<p>No portion of or interest in these improvements has been credited heretofore as patent expenditure to any lode claim.</p>
	<p style="text-align: center;">OTHER IMPROVEMENTS</p>
	<p>Numerous roads, and their contingent culverts, and sediment screening control devices, have been built, and are being maintained, throughout this survey.</p>
	<p style="text-align: center;">OTHER CORNER DESCRIPTIONS AND SUPPLEMENTAL DATA</p>
	<p style="text-align: center;">M.S. No. 3651 A</p>
	<p>Gold Dust lode, line 1-2 was found to be N.3°04'28"E., 1499.7 ft., instead of N.3°07'E., 1500 ft. Line 4-1 was found to be N.87°15'27"W., 599.44 ft., instead of N.87°09'W., 600 ft.</p>



## MINERAL SURVEY NO. 3685 A &amp; B

FEET	
	<p>Sentinel fraction lode, line 1-2 was found to be S.85°45'32"W., 600.96 ft., instead of S.85°40'W., 600 ft. Line 2-3 was found to be N.3°07'16"E., 1299.72 ft. instead of N.3°07'E., 1300 ft. Line 3-4 was found to be N.85°45'32"E., 599.81 ft. instead of N.85°40'E., 600 ft. Line 4-1 was found to be S.3°04'28"W., 1299.59 ft. instead of S.3°07'W., 1300 ft.</p> <p>Sentinel lode, line 2-3 was found to be S.85°45'32"W., 1500.18 ft., instead of S.85°40'W., 1500 ft. Line 3-4 was found to be N.18°33'32"E., 600 ft., instead of N.18°28'E., 600 ft. Line 4-1 was found to be N.85°45'32"E., 1500 ft., instead of N.85°40'E., 1500 ft.</p> <p>Sunbeam Fraction lode, line 2-3 was found to be S.76°40'41"W., 1399.8 ft., instead of S.76°40'W., 1400 ft. Line 3-4 was found to be N.22°49'21"W., 311.22 ft. instead of N.22°53'W., 310 ft. Line 4-1 was found to be N.76°43'39"E., 1400 ft. instead of N.76°40'E., 1400 ft.</p> <p>Mountain King lode, line 1-2 was found to be N.69°35'11"E., 1500 ft., instead of N.69°34'E., 1500 ft. Line 3-4 was found to be S.69°34'49"W., 1500 ft., instead of S.69°34'W., 1500 ft. Line 4-1 was found to be N.11°31'47"E., 600.19 ft., instead of N.11°32'E., 600 ft.</p> <p>Sun lode, line 3-4 was found to be N.25°57'49"W., 1500 ft. instead of N.25°59'W., 1500 ft.</p> <p>M.S. No. 2168</p> <p>Cor. No. 3 Squaw Hitch lode was destroyed by construction, and was reset at record bearing and distance from accessory. Cors. No. 3 and 4, Ridge lode, were found as rotted staubs in rock mounds, and were reset in the center of the rock mounds. All three remonumentations were with an aluminum rod, 3/4 in. diam., 30 ins. long, with a 3 1/4 in. aluminum cap and done with the approval of the owner.</p> <p>Exchequer lode, line 3-4 was found to be S.20°35'12"E., 100.81 ft. instead of S.20°22'E., 100 ft.</p> <p>Squaw Hitch lode, line 1-2, through Cor. No. 3, Exchequer lode, was found to be S.53°24'18"W., 250.26 ft., and S.51°08'28"W., 250.03 ft., instead of S.53°08'W., 250 ft., and S.53°08'W., 250 ft., respectively. Line 2-3 was found to be N.32°30'57"W., 1430.3 ft. instead of N.32°29'W., 1430.3 ft. Line 3-4 was found to be N.52°58'24"E., 600 ft., instead of N.53°08'E., 600 ft.</p> <p>Ridge lode, line 2-3 was found to be S.53°07'23"W., 1497.09 ft., instead of S.53°08'W., 1500 ft. Line 3-4 was found to be S.36°50'44"E., 580.38 ft., instead of S.36°52'E., 580 ft.</p>



## MINERAL SURVEY NO. 3685 A &amp; B

FEET	<p>M.S. No. 2910</p> <p>Mulcahy lode, Cors. No. 2, 3, and 4, were found as rotted staubs in rock mounds and were remonumented with an aluminum rod, 3/4 in. diam., 30 ins. long, set in the center of the rock mounds, with a 3 1/4 in. aluminum cap, with the approval of the owner. Cor. No. 1 is lost, and was determined at proportionate dist., based on the grant boundary adjustment.</p> <p>Mulcahy lode, line 1-2 was found to be N.10°37'45"W., 506.57 ft., instead of N.10°21'W., 506.8 ft. Line 2-3 was found to be S.57°52'24"W., 1288.47 ft., instead of S.58°15'W., 1286 ft. Line 3-4 was found to be S.10°37'45"E., 592.76 ft., instead of S.10°21'E., 593.6 ft. Line 4-1 was found to be N.54°24'E., 1322.26 ft., instead of N.54°42'E., 1321 ft.</p> <p>M.S. No. 3677 A &amp; B, is correct, as approved.</p> <p>It is noted, those cor. monuments of previous surveyed mining claims not hereinbefore described were found to be as stated in the official records.</p> <p style="text-align: center;">FIELD ASSISTANTS</p> <table style="width: 100%; border: none;"> <thead> <tr> <th style="text-align: center;"><u>NAME</u></th> <th style="text-align: center;"><u>CAPACITY</u></th> </tr> </thead> <tbody> <tr> <td>Ralph Miller</td> <td>Party Chief</td> </tr> <tr> <td>Margot Crawford</td> <td>Rodman</td> </tr> <tr> <td>Scott Childs</td> <td>Rodman</td> </tr> </tbody> </table>	<u>NAME</u>	<u>CAPACITY</u>	Ralph Miller	Party Chief	Margot Crawford	Rodman	Scott Childs	Rodman
<u>NAME</u>	<u>CAPACITY</u>								
Ralph Miller	Party Chief								
Margot Crawford	Rodman								
Scott Childs	Rodman								

Form 3860-7  
(August 1967)  
(formerly 4-686)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Name of Mineral Surveyor  
JOHN E. RUSSELL

Date  
April 1, 1992

I HEREBY CERTIFY That in pursuance of an order received from the Bureau of Land Management, Idaho State Office, at Boise, Idaho, dated 11/27/91, I have carefully executed the survey of the claim of the HECLA MINING COMPANY, known as the GROUSE CREEK GROUP,

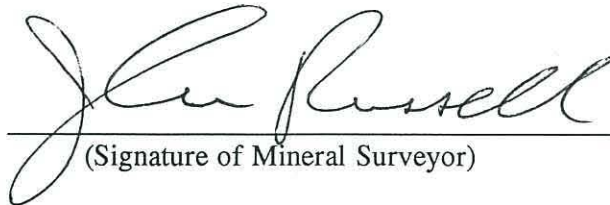
situated in unsurveyed sections 19, 20, 29, and 30,

Township 13 North, Range 15 East, Boise Meridian, in the State of Idaho.

This survey, designated as number 3685 A & B, has been executed by me and under my direction and has been made in strict conformity with said order, the Manual of Instructions for the Survey of Public Lands of the United States, and in specific manner described in the foregoing field notes.

I FURTHER CERTIFY That the labor expended and improvements made upon and for the benefit of the lode location(s) embraced in the said mining claim by claimant(s) or their grantors are fully stated in my report. The character, extent, location, and itemized value are specified in full detail. No portion of, or interest in, said labor and improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

McCall, Idaho  
(Location)

  
(Signature of Mineral Surveyor)

11-2007-0001

PATENT NO. \_\_\_\_\_

Hecla 104(e) Supp. Response (08/11/11)  
000867

Form 3860-7  
(August 1967)  
(formerly 4-686)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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CERTIFICATE OF APPROVAL

Office:  
Bureau of Land Management  
Location:  
Boise, Idaho  
Date: April 6, 1992

The foregoing field notes of mineral survey number 3685 A & B, in unsurveyed sections 19, 20, 29, and 30, Township 13 North, Range 15 East, Boise Meridian, in the State of Idaho, executed by John E. Russell, Mineral Surveyor, under order dated November 27, 1991, having been critically examined and the necessary corrections made prior to their certification by the surveyor, the field notes and the survey therein described are hereby approved.

  
(Authorized Signature)

Chief, Branch of Cadastral Survey  
(Title)

11-2007-0001

PATENT NO. \_\_\_\_\_



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

236269  
Serial Number

CERTIFICATE OF EXPENDITURES, IMPROVEMENTS, AND MINERAL SURVEY

Date April 6, 1992

Name of Claimant

HECLA MINING COMPANY

Mineral Survey Number

3685 A & B

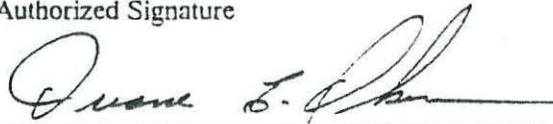
I HEREBY CERTIFY That the record of the above-described mineral survey furnishes such an accurate description of all claims embraced within the survey that it will, if incorporated into a patent, serve fully to identify the premises and that references are made in the survey to natural objects or permanent monuments so that the location of the claims will be perpetuated and fixed.

I FURTHER CERTIFY That the record reveals 1) not less than \$5 worth of labor has been expended for improvements upon and the benefit of each of the lode claims embraced within the survey and 2) that the improvements were made by the claimant or grantors.

Date

April 6, 1992

Authorized Signature



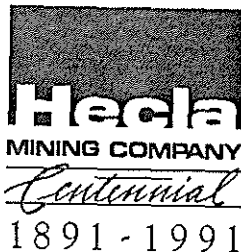
(See reverse)

INSTRUCTIONS

1. Title 43 Code of Federal Regulations 3861.2-2 requires that this *Certificate* be filed with the manager of the proper BLM office by an applicant for patent at time of filing the application or at any time within the sixty (60) days of publication.
2. If the record shows that the expenditures for improvements equal or exceed \$500 at the time of survey then this form should be attached by the cadastral engineer (Chief, Cadastral Surveyor) to the claimant's copy of the field notes.
3. If the record shows that the expenditures for improvements do not equal or exceed \$500 at the time of survey then it is the responsibility of the applicant to have this form executed by the Chief Cadastral Surveyor and filed with the manager of the proper BLM office during the 60-day publication period.

11-2007-0001

PATENT NO. \_\_\_\_\_



November 1, 1991

Custer County Recorder  
Box 385  
Challis, Idaho 83226

RE: Release of Mortgage dated October 25, 1991

Dear Sir/Madam:

Enclosed please find the captioned document for recording, along with Hecla Mining Company's check number 0110-008129 in the amount of \$3 representing recording fees. Please return the recorded document to my attention in the enclosed self-addressed, stamped envelope provided for your convenience.

Should you have questions, please call me. Thank you for your assistance.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Michael B. White", written over a horizontal line.

Michael B. White  
General Counsel

MBW:ldr

Enclosures

RELEASE OF MORTGAGE

HECLA MINING COMPANY, a corporation organized and existing under the laws of the State of Delaware, duly qualified to do business in the State of Idaho, having its principal office at 6500 Mineral Drive, City of Coeur d'Alene, County of Kootenai, State of Idaho, 83814-1931, hereby certifies and declares that the Mortgage, dated February 19, 1991, executed by Grouse Creek Mining Company and CoCa Mines Inc., Mortgagor, to Hecla Mining Company, Mortgagee, and recorded February 20, 1991, in the office of the County Recorder of the County of Custer, State of Idaho, as instrument number 0198240, is released and discharged, and that the property described in such Mortgage is released from the lien of the Mortgage.

IN WITNESS WHEREOF, Hecla Mining Company has caused this release to be duly signed by its Senior Vice President and Assistant Secretary authorized to so sign by resolution of its board of directors and has caused its corporate seal to be affixed hereto on OCTOBER 25, 1991.

HECLA MINING COMPANY

Attest

Michael B. White  
Michael B. White  
Assistant Secretary

By

William J. Grismer  
William J. Grismer  
Senior Vice President

STATE OF IDAHO )

) ss.

County of Kootenai )

On this 25<sup>th</sup> day of OCTOBER, 1991, before me, the undersigned, a Notary Public in and for the State of Idaho, personally appeared WILLIAM J. GRISMER and MICHAEL B. WHITE, known or identified to me to be the Senior Vice President and Assistant Secretary, respectively, of HECLA MINING COMPANY, the officers who executed the instrument on behalf of said corporation, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal the day and year in this certificate first above written. # \_\_\_\_\_

Custer County Reg. of

Hecla Mining  
Co.

Time 11:48 A.M.Nov. 4 1991

Ethel M. Peck

Wanda Murphy  
Deputy

\$ 300

Lynda Ruzener  
Notary Public  
Residing at Grand Blane  
My Commission Expires: 10/19/94

## M E M O R A N D U M

TO: Mike White, Hecla Mining Company

**SENT VIA FAX**  
**(208) 769-4159**

FROM: Marge Cross

DATE: June 14, 1991

SUBJECT: *LOAN DRAW*

---

Following this memorandum is a signed copy of a promissory note for \$300,000. Please have the monies wired to United Bank of Denver ABA 102000076, to the account of CoCa Mines Inc. account number 1010816037.

If you have any questions, please contact me at (303) 831-5664. Thank you for your assistance in this matter.

MW\_HEC2

## PROMISSORY NOTE

\$300,000.00

June 14, 1991  
Coeur d'Alene, ID

For value received, COCA MINES INC., a Colorado corporation, ("CoCa") and GROUSE CREEK MINING INC., an Idaho corporation, ("Grouse" and, together with CoCa, the "Borrowers") unconditionally and jointly and severally promise to pay to the order of HECLA MINING COMPANY (the "Payee"), at its offices at 6500 Mineral Drive, Coeur d'Alene, Idaho, the principal amount of THREE HUNDRED THOUSAND DOLLARS (\$300,000.00) the "Principal Sum"), together with interest on said Principal Sum at the rate or rates and in the manner hereinafter provided on the earlier of (i) June 30, 1992, or (ii) five business days following a Third Party Transaction (as such term is defined in that certain Acquisition Agreement among CoCa; CM Acquisition Company, a Colorado corporation; and the Payee dated as of February 13, 1991 (the "Acquisition Agreement").

The Borrowers jointly and severally promise to pay interest on the unpaid balance of such Principal Sum for each day outstanding at a variable rate per annum (the "Variable Rate") equal to the Prime Rate (as hereinafter defined) plus 1% (the "Margin"), provided that principal not paid when due shall bear interest for each day overdue at a variable rate per annum equal to: (x) the Variable Rate plus (y) the Margin plus (z) 2%. "Prime Rate" means, for any day, that rate of interest from time to time announced by The Bank of America (the "Bank") at its principal office as its prime commercial lending rate, as in effect for such day in accordance with announcements by the Bank of changes in such rate. Interest shall be calculated on the basis of a year of 365 or 366 days, as the case may be, and paid for the actual number of days elapsed (including the first day but excluding the last day). Interest shall be due and payable on payment in full of the unpaid Principal Sum; provided, that interest on principal not paid when demanded shall also be payable on demand. In no case shall the interest on this Promissory Note (the "Note") exceed the maximum amount which the Payee may charge or collect under applicable law.

The Borrowers may, at their option, prepay all or any portion of their obligations hereunder at any time without premium or penalty. Amounts repaid may not be reborrowed.



The Principal Sum together with all accrued interest on such Principal Sum may be declared immediately due and payable, without presentment, demand, protest or other notice of any kind, all of which are expressly individually waived by each of the Borrowers if either (i) any default shall occur under the Mortgage (as hereinafter defined), or (ii) (a) either Borrower (I) voluntarily commences any proceeding or files any petition seeking relief under Title 11 of the United States Code or any other federal or state bankruptcy, insolvency, liquidation or similar law (any of the foregoing, a "Bankruptcy Law"); (II) consents to the institution of, or fails to contravene in a timely and appropriate manner, any such proceeding or the filing of any such petition; (III) applies for or consents to the appointment of a receiver, trustee, custodian, or similar official for itself or any substantial part of its property (any of the foregoing, a "Receiver"); (IV) files an answer admitting material allegations of a petition filed against it in any such proceeding; (V) makes a general assignment for the benefit of creditors; or (VI) takes any action for the purpose of effecting any of the foregoing; or (b) an involuntary proceeding is commenced or an involuntary petition is filed in a court of competent jurisdiction seeking (I) an order for relief in respect of either Borrower under any Bankruptcy Law, or (II) the appointment of a Receiver for either Borrower or any substantial part of its property and such proceeding or petition continues undismissed for 60 days or an order or decree approving or ordering any of the foregoing is entered.

All payments under this Note shall be made in lawful money of the United States of America and in immediately available funds at the Payee's offices specified above. All payments under this Note shall be applied as follows: (i) first, to interest and (ii) second, to the Principal Sum.

The Borrowers waive presentment, notice of dishonor, protest, and any other formality with respect to this Note.

This Note is secured by, and is entitled to the benefits of, that certain Mortgage dated February 19, 1991 (the "Mortgage") from Borrowers to Payee on certain real property located in Custer County, Idaho, as such property is more fully described therein.

The Borrowers shall reimburse the Payee on demand for all costs, expenses and charges (including, without limitation, fees and charges of legal counsel for the Payee) in connection with the performance or enforcement of the Borrowers' obligations hereunder.

This instrument shall be binding on the Borrowers and their successors and assigns and shall inure to the benefit of the Payee and its successors and assigns; provided that the Borrowers may not delegate any obligations hereunder without the prior written consent of the Payee.

THIS INSTRUMENT SHALL BE GOVERNED BY AND CONSTRUED IN ACCORDANCE WITH THE LAWS OF THE STATE OF IDAHO. THE BORROWERS CONSENT TO THE NONEXCLUSIVE JURISDICTION AND VENUE OF THE STATE OR FEDERAL COURTS LOCATED IN THE STATE OF IDAHO. SERVICE OF PROCESS BY THE PAYEE IN CONNECTION WITH ANY SUCH DISPUTE SHALL BE BINDING ON THE BORROWERS IF SENT TO THE BORROWERS BY REGISTERED MAIL AT THE ADDRESSES SPECIFIED BELOW. THE BORROWERS WAIVE ANY RIGHT THE BORROWERS MAY OTHERWISE HAVE TO JURY TRIAL.

COCA MINES INC.

Address:

1776 Lincoln St. #910  
Denver, CO 80203

By: 

Name: Mark A. Hellerstein

Title: Vice President

GROUSE CREEK MINING INC.

Address:

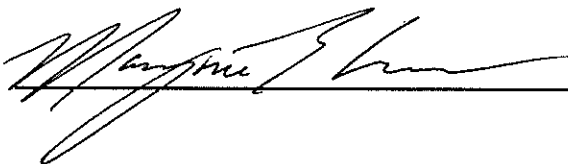
1776 LINCOLN ST., 910  
Denver, CO 80203

By: 

Name: Mark A. Hellerstein

Title: Vice President

ATTEST:



HJM:jcr  
PN\_HEC2

Additional Hecla Board of Directors Minutes Providing Context  
for Bates Nos. 000735-36 Produced on May 26, 2011.

Republic, Washington  
August 9, 1991

HECLA MINING COMPANY

QUARTERLY MEETING OF BOARD OF DIRECTORS

The regular quarterly formal meeting of the Board of Directors of Hecla Mining Company commenced in the Conference Room of the Frontier Inn, Republic, Washington, at 8:45 a.m. (local time) on Friday, August 9, 1991, with Arthur Brown presiding and William J. Grismer acting as Secretary. A copy of the notice, duly given, precedes these minutes, the Chairman having referred to the notice of the Quarterly Meeting which the Secretary certified to as having been sent to each Director.

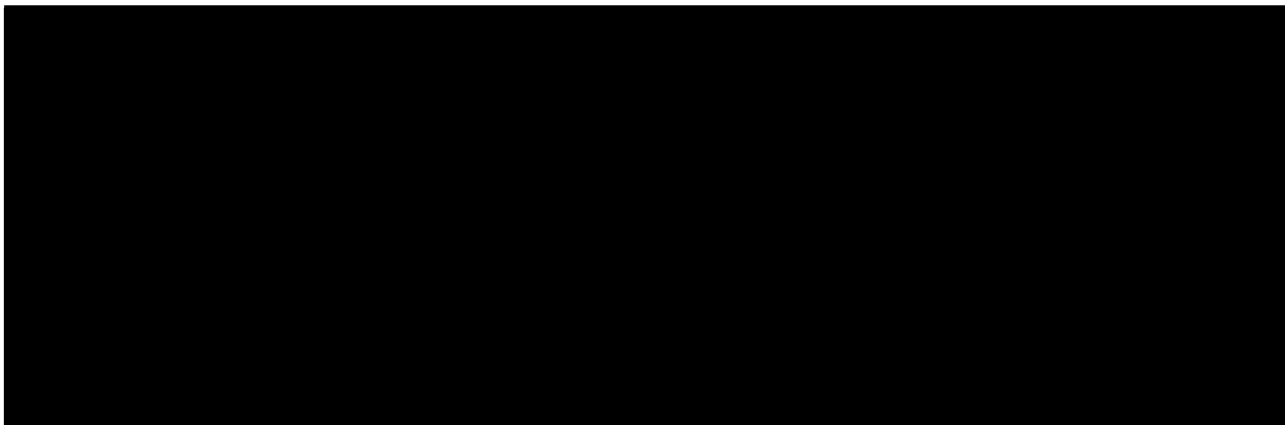
Directors present:

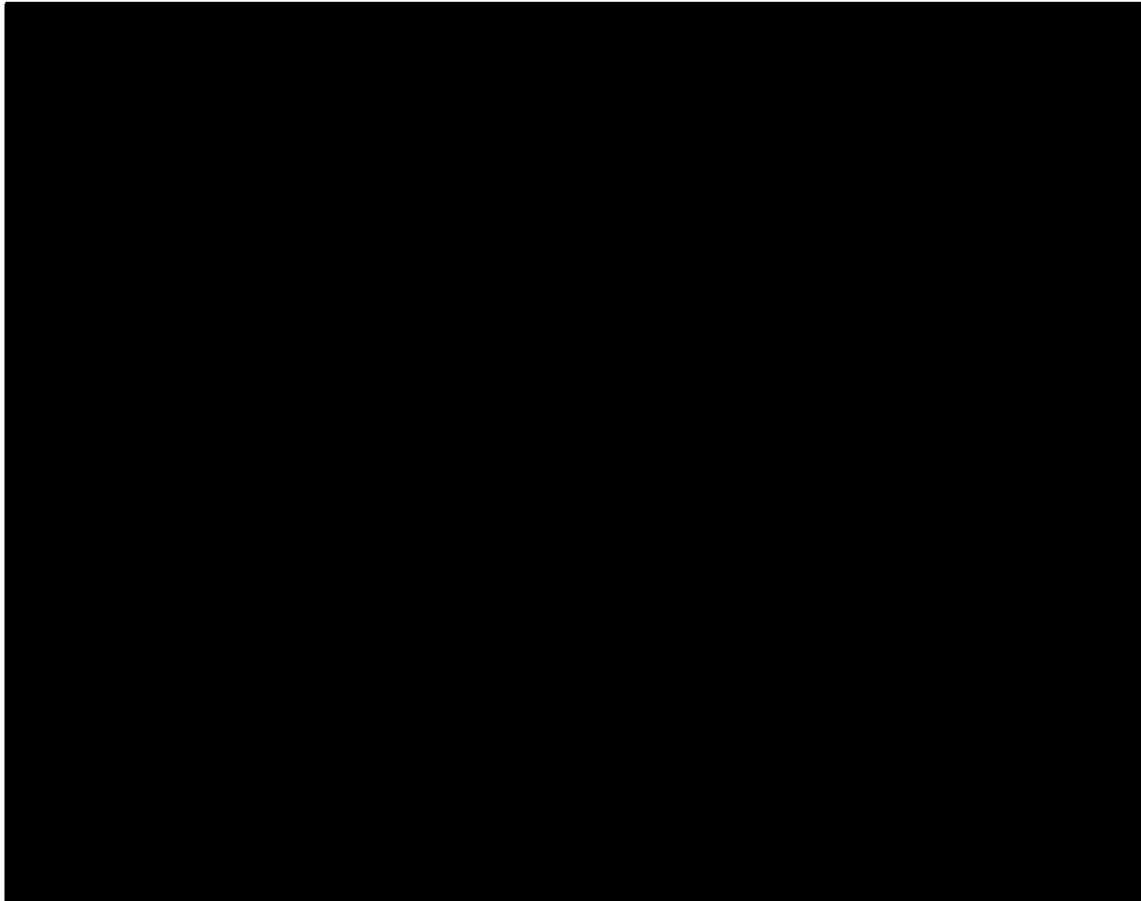
Messrs. Arthur Brown - Chairman  
John E. Clute  
Joe Coors, Jr.  
Leland O. Erdahl  
Wm. A. Griffith  
Robert S. Jepson, Jr.  
Charles L. McAlpine  
Paul A. Redmond  
Richard J. Stoehr

APPROVAL OF MINUTES OF ANNUAL MEETING OF BOARD OF DIRECTORS HELD MAY 2-3, 1991;  
ALSO, EXECUTIVE COMMITTEE MEETING OF JUNE 14, 1991

A discussion of the contents of the draft of the minutes of the annual meeting of the Board of Directors held on May 2-3, 1991, took place; also, the minutes of the Executive Committee meeting held on June 14, 1991. Thereafter, upon motion by Mr. Stoehr, seconded by Mr. Jepson, and unanimously passed, a detailed reading of the minutes of the said meetings was waived and the same were approved.

FINANCIAL REPORT AND INFORMAL MEETING MATTERS





4. Mr. Erdahl then noted that in the private meeting with the outside auditor and internal auditor, with Management representatives not being present, the following matters were considered:

a) Mr. Nicholas Grey of Coopers & Lybrand will replace Mr. Gregory Hougham on the Hecla audit as the manager partner commencing with the year 1992 since Mr. Hougham must periodically rotate off the audit as managing partner.

b) The decentralized accounting system conversion work is going quite well.

d) The matter of internal controls were discussed and will be reported upon further at the November 1991 meeting of the Audit Committee.

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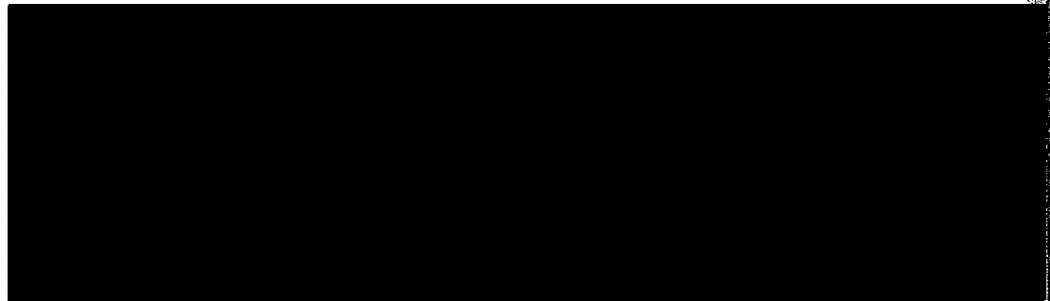
Mr. Griffith then asked that a detail of the CoCa Mines Inc. carrying values be submitted and it was agreed that this would be done in the near future. It

was noted that those details are also set forth in the CoCa Mines Inc. proxy statement for the Hecla/CoCa business combination.

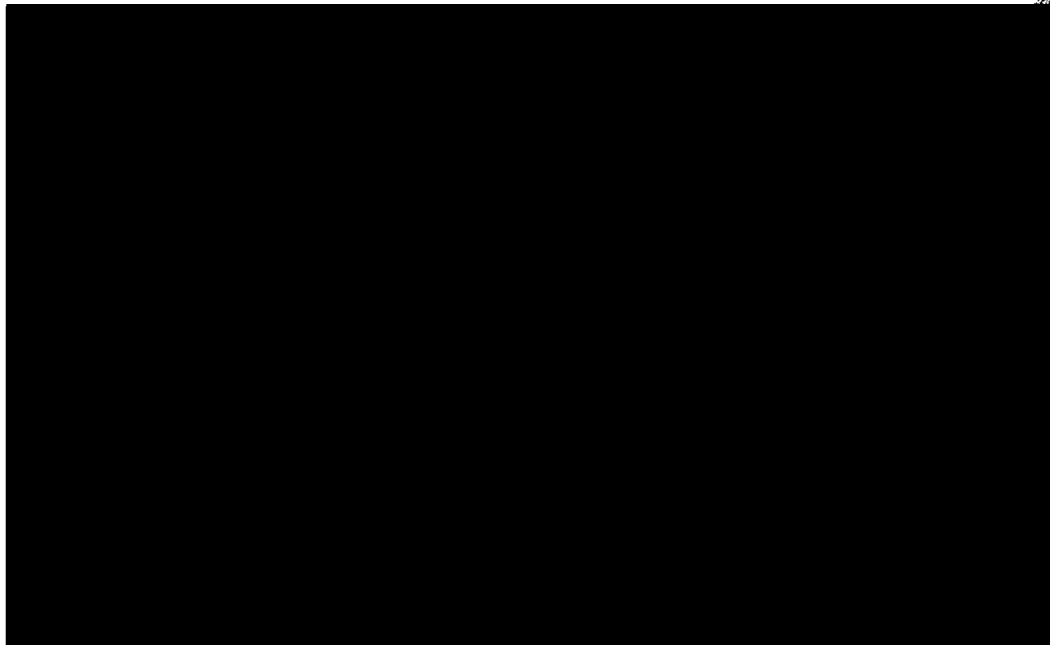
Thereafter, upon motion by Mr. Clute, seconded by Mr. Redmond, and unanimously approved, the report of the Audit Committee and its recommendations were accepted.

#### OTHER MATTERS

Mr. Brown discussed several other matters with the Board.



- b) It was noted that the Coca Mines Inc. acquisition was effective June 26, 1991.





Additional Hecla Board of Directors Minutes Providing Context  
for Bates Nos. 000737-38 Produced on May 26, 2011.

HECLA MINING COMPANY  
ANNUAL SHAREHOLDERS' MEETING

Pursuant to notice duly given, copy of which precedes and is made a part of these minutes, the 1990 Annual Meeting of Shareholders of Hecla Mining Company was called to order on Friday, the third of May 1991, at the hour of 9:00 a.m., Pacific Daylight Time, at the Company's offices, 6500 Mineral Drive in the City of Coeur d'Alene, Idaho, with Arthur Brown presiding and William J. Grismer acting as Secretary.


The Chairman, after calling the meeting to order, introduced the current Directors, officers and a number of other key employees. Thereafter, he asked the Secretary to present a certified list of the shareholders of the Company; the Secretary noted the list was in possession of the Inspectors of Election. At the request of the Chairman, the Secretary then stated that there had been filed thus far proxies of holders in excess of a majority of the shares of the Company issued, outstanding and entitled to vote at the meeting, based upon the shareholders of record on March 12, 1991, the record date; in fact, that approximately 79% of such shares were present.

ROLL CALL OF SHARES

The Chairman then stated that a quorum was present and the meeting open for business.

CALL OF MEETING

The call for meeting was read by the Secretary and he certified that each shareholder of record as of the close of business on March 12, 1991, had been duly sent a copy of the Notice of Annual Meeting together with a Proxy Statement and Proxy and the annual printed report covering operations of the Company for the year ended December 31, 1990, at the shareholder's last known address as shown by the records of the Company.



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The meeting then proceeded to other matters.

#### STATEMENT RELATIVE TO STATUS OF COMPANY AFFAIRS

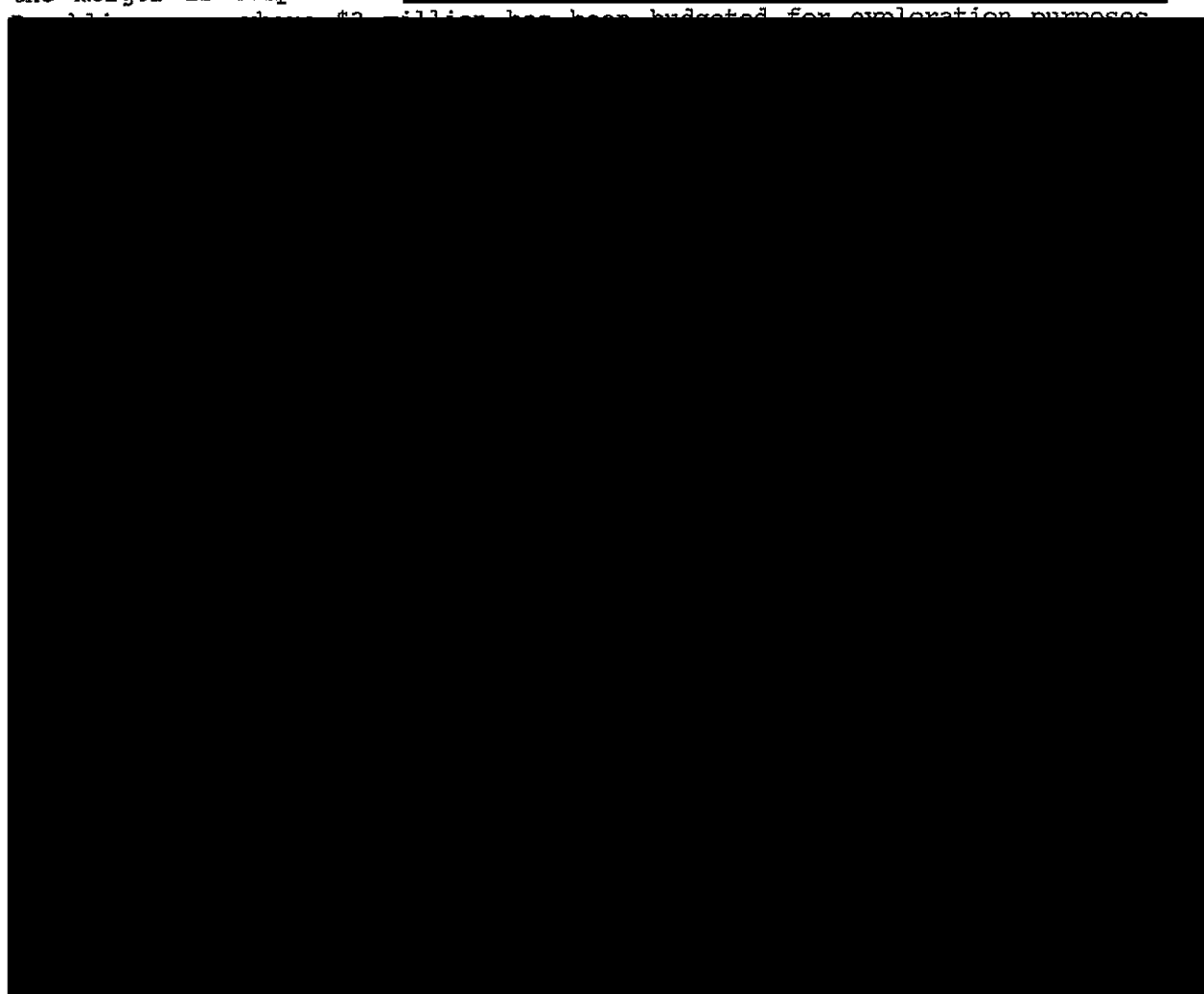
Mr. Brown discussed the status of Company affairs and its activity over the past year, emphasizing in particular three items. [REDACTED]

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[REDACTED] Second, Mr. Brown said another positive occurrence for the Company was the agreement with CoCa Mines Inc. of Denver to merge CoCa into Hecla. He said the merger is subject to a vote of CoCa's shareholders, which it is anticipated will take place in late June. Mr. Brown reported that the merger with CoCa would more than double Hecla's proven and probable gold reserves. [REDACTED]



Mr. Brown said plans for 1991 include development of CoCa's property after the merger is complete. [REDACTED]



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Additional Hecla Board of Directors Minutes Providing Context  
for Bates Nos. 000741-42 Produced on May 26, 2011.

Coeur d'Alene, Idaho  
November 8, 1991

HECLA MINING COMPANY

REGULAR QUARTERLY MEETING OF BOARD OF DIRECTORS

The regular quarterly formal meeting of the Board of Directors of Hecla Mining Company was held in the Board Room at the Company's offices in Coeur d'Alene, Idaho, commencing at 10:40 a.m. (Pacific Standard Time) on November 8, 1991, with Arthur Brown presiding and William J. Grismer acting as Secretary. It was noted that an informal meeting of the Board was held commencing on the preceding day and continuing prior to this meeting to discuss Company operations and related matters. A copy of the notice, duly given, precedes these minutes, the Chairman having referred to the notice of the Quarterly Meeting which the Secretary certified to as having been sent to each Director.

Directors present:

Messrs. Arthur Brown - Chairman  
John E. Clute  
Joe Coors, Jr.  
Leland O. Erdahl  
William A. Griffith  
Robert S. Jepson, Jr.  
Charles L. McAlpine  
Paul A. Redmond  
Richard J. Stoehr

Directors absent:

None

Others present: Mr. Michael B. White, General Counsel and Assistant Secretary

3) Extension of 401k or Pension Benefits to Certain CoCa Employees

The next item was consideration of two proposals involving existing or former employees of CoCa Mines Inc. or designated subsidiaries. The first proposal would offer participation in the Company's Capital Accumulation Plan (401(k) Plan) to existing CoCa Mines Inc., Cactus Gold Company and Grouse Creek Mining Inc. employees. The second proposal would allow existing salaried and hourly employees of CoCa Mines Inc., Cactus Gold Company and Grouse Creek Mining Inc. participation in the Company's pension plan. It was noted that these proposals had been agreed to by Management as a part of the understandings and agreements to be given effect in the course of negotiating the Company's acquisition of CoCa Mines Inc., and that the enhanced benefits to the employees and also the Company would outweigh the cost to the Company in doing so. It was specifically noted that eligibility for participation in the Plans does not extend to CoCa Mines Inc. personnel who left CoCa after its acquisition by the Company as a part of closure of the CoCa corporate offices. It was then stated that the Retirement Board recommended that the Compensation Committee and then the Board of Directors adopt appropriate resolutions which would accomplish these stated proposals. Thereafter, upon motion by Mr. Clute, seconded by Mr. Redmond, and unanimously approved, the following resolution was adopted:

"RESOLVED, that the provisions of the Company's Capital Accumulation Plan (401(k) Plan) be expanded to include both the



existing and former salaried and hourly employees of CoCa Mines Inc., Cactus Gold Company and Grouse Creek Mining Inc. effective July 1, 1991 who then continued employment with these Designated Entities or the Company, and

"BE IT FURTHER RESOLVED, that pursuant to the first paragraph of Section (1), the second subparagraph of the third paragraph of Section (3) and the third paragraph of Section (16) of the Hecla Mining Company Retirement Plan for eligible salaried and nonsalaried employees of Hecla Mining Company, the provisions of said revised Plan are hereby extended to include all salaried and hourly employees of CoCa Mines Inc., Cactus Gold Company and Grouse Creek Mining Inc. (which corporations are direct or indirect wholly owned subsidiaries of Hecla Mining Company) who on January 1, 1991 and also on September 1, 1991, were regular full-time, active salaried or hourly employees of the said subsidiaries, with such salaried or hourly employees' years of service with CoCa Mines Inc., Cactus Gold Company and Grouse Creek Mining Inc. prior to January 1, 1991, to be recognized and credited for the purposes of computation of determining years of service for purpose of vesting but not for benefit accrual purposes as such are defined in the Hecla Mining Company Retirement Plan, and the Retirement Board as defined under the Plan is hereby ordered to take such actions as are necessary to include all such designated salaried and hourly employees of said subsidiaries, namely CoCa Mines Inc., Cactus Gold Company and Grouse Creek Mining Inc., in the said Retirement Plan for salaried and hourly employees as described in this resolution if they otherwise qualify."

Additional Hecla Board of Directors Minutes Providing Context  
for Bates No. 000745 Produced on May 26, 2011.

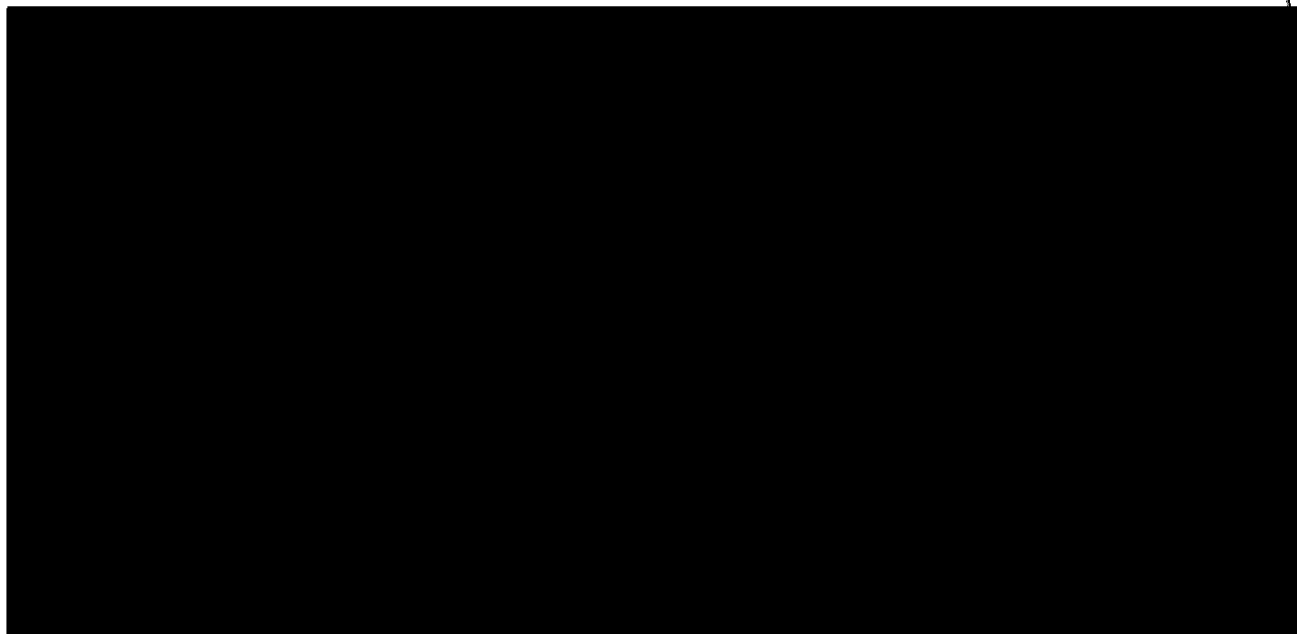
Hecla Mining Company  
Quarterly Directors Meeting  
Coeur d'Alene, Idaho  
November 10, 1995

HECLA MINING COMPANY

QUARTERLY MEETING OF BOARD OF DIRECTORS

The regular quarterly formal meeting of the Board of Directors of Hecla Mining Company commenced in the Board Room of the Company's offices, Coeur d'Alene, Idaho, at 10:00 a.m. (Pacific Standard Time) on Friday, November 10, 1995, with Arthur Brown presiding and Michael B. White acting as Secretary. It was noted that an informal meeting of the Board was held on the preceding day and earlier this day to discuss Company operations and related matters. A copy of the notice, duly given, precedes these minutes, the Chairman having referred to the notice of the Meeting which the Secretary certified to as having been sent to each Director.

Directors present: Messrs. Arthur Brown - Chairman  
John E. Clute  
Joe Coors, Jr.  
Leland O. Erdahl  
William A. Griffith  
Charles L. McAlpine  
Jorge E. Ordoñez C.



[REDACTED]

[REDACTED]

REPORT OF AUDIT COMMITTEE

At Mr. Brown's request, Mr. Erdahl, Chairman of the Audit Committee, presented the report of the Audit Committee, the Committee having met the previous day. Mr. Erdahl reported that all members of the Board had been present during the Audit Committee meeting and therefore he would not provide a detailed review of the Committee proceedings.

Mr. Erdahl indicated that the Audit Committee had unanimously approved the following recommendations to the Board of Directors:

1. That the full Board approve the September 30, 1995, adjustments to the various carrying values for Company properties and assets recommended by Management, including a negative adjustment of \$96,990,580 related to the Company's Grouse Creek mine, [REDACTED]

[REDACTED]

[REDACTED]